

DEPARTMENT OF HEALTH AND HUMAN SERVICES Food and Drug Administration APPLICATION TO MARKET A NEW OR ABBREVIATED NEW DRUG OR BIOLOGIC FOR HUMAN USE <i>(Title 21, Code of Federal Regulations, Parts 314 & 601)</i>	Form Approved: OMB No. 0910-0338 Expiration Date: March 31, 2020 See PRA Statement on page 3.
	1. Date of Submission (mm/dd/yyyy) 03/01/2022

APPLICANT INFORMATION	2. Name of Applicant BioNTech Manufacturing GmbH
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3. Telephone Number (Include country code if applicable and area code) +49 (0) 6131 9084-7593	4. Facsimile (FAX) Number (Include country code if applicable and area code) +49 (0) 6131 9084-390
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5. Applicant Address			
Address 1 (Street address, P.O. box, company name c/o) An der Goldgrube 12		Email Address Ruben.Rizzi@biontech.de	
Address 2 (Apartment, suite, unit, building, floor, etc.)		Applicant DUNS 117645848	
City Mainz	State/Province/Region N/A	U.S. License Number if previously issued 2229	
Country Germany	ZIP or Postal Code 55131		

6. Authorized U.S. Agent (Required for non-U.S. applicants)	
Authorized U.S. Agent Name Kathleen Collins, Senior Director, Global Regulatory Affairs (b) (6)	Telephone Number (Include area code) (b) (6)
	FAX Number (Include area code)
	Email Address (b) (6)
	U.S. Agent DUNS

PRODUCT DESCRIPTION	7. NDA, ANDA, or BLA Application Number 125742	8. Supplement Number (If applicable) 0045
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9. Established Name (e.g., proper name, USP/USAN name) [COVID-19 mRNA Vaccine (nucleoside modified)]

10. Proprietary Name (Trade Name) (If any) COMIRNATY

11. Chemical/Biochemical/Blood Product Name (If any) [COVID-19 Vaccine (BNT162, PF-07302048)]
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12. Dosage Form Liquid	13. Strengths 30 mcg	14. Route of Administration Intramuscular
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15A. Proposed Indication for Use Active immunization to prevent COVID-19 caused by SARS-CoV-2 in individuals ≥16 years of age	Is this indication for a rare disease (prevalence <200,000 in U.S.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	Does this product have an FDA Orphan Designation for this indication? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, provide the Orphan Designation number for this indication: <input type="text"/>

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15B. SNOMED CT Indication Disease Term (Use continuation page for each additional indication and respective coded disease term) COVID-19; SARS-CoV-2; Disease caused by severe acute respiratory syndrome coronavirus 2; SARS-CoV-2 vaccination; COVID-19 vaccination
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APPLICATION INFORMATION	16. Application Type (Select one) <input type="checkbox"/> New Drug Application (NDA) <input checked="" type="checkbox"/> Biologics License Application (BLA) <input type="checkbox"/> Abbreviated New Drug Application (ANDA)
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17. If an NDA, identify the type <input type="checkbox"/> 505(b)(1) <input type="checkbox"/> 505(b)(2)	18. If a BLA, identify the type <input checked="" type="checkbox"/> 351(a) <input type="checkbox"/> 351(k)
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19. If a 351(k), identify the biological reference product that is the basis for the submission. Name of Biologic: _____ Holder of Licensed Application: _____

20. If an ANDA, or 505(b)(2), identify the listed drug product that is/are the basis for the submission. Name of Drug: _____ Application Number of Relied Upon Product: _____
Indicate Patent Certification: <input type="checkbox"/> P1 <input type="checkbox"/> P2 <input type="checkbox"/> P3 <input type="checkbox"/> P4 <input type="checkbox"/> Section viii - MOU <input type="checkbox"/> Statement of no relevant patents

21. Submission (See instructions) Original Labeling Supplement CMC Supplement Efficacy Supplement Annual Report
 Product Correspondence REMS Supplement Postmarketing Requirements or Commitments Periodic Safety Report
 Request for Proprietary Name Review Other (Specify): _____

22. Submission Sub-Type Presubmission Amendment Initial Submission Resubmission
 23. If a supplement, identify the appropriate category. CBE Prior Approval (PA) CBE-30

24. For Originals and all Supplements, is the product a combination product (21 CFR 3.2(e))? Yes No
 Combination Product Type (See instructions) Request for Designation (RFD) Number

25. Does the submission contain: Only Pediatric data? Yes No Human factors information? Yes No
 26. Proposed Marketing Status (Select one) Prescription Product (Rx) Over-The-Counter Product (OTC)

27. Reasons for Submission
 Response to 23 February 2022 Information Request Regarding Cumulative Analysis of Post-Authorization Adverse Event Reports in Individuals Aged Between 12 and 15 Year of Age

28. Establishment Information (Full establishment information should be provided in the body of the application.)

Establishment Name Pharmacia and Upjohn Company LLC (Pfizer)		Registration (FEI) Number 1810189	
Address 1 (Street address, P.O. box, company name c/o) 7000 Portage Road		MF Number	
Address 2 (Apartment, suite, unit, building, floor, etc.)		Establishment DUNS Number 618054084	
City Kalamazoo	State/Province/Region MI	Country USA	
ZIP or Postal Code 49001		Is the establishment new to the application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
What is the status of the establishment? <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Withdrawn			

Establishment Contact Information at the site/facility

Name of Contact for the Establishment (b) (6)	Telephone Number (Include area code) (b) (6)
(b) (6)	FAX Number (Include area code) (b) (6)
(b) (6)	Email Address (b) (6)

Manufacturing Steps and/or Type of Testing
 LNP production and bulk drug product formulation, Fill and finish, Primary packaging, Secondary packaging, Drug product testing

Is the site ready for inspection? Yes No N/A
 If No, when will site be ready? (mm/dd/yyyy) _____

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29. Cross References (List related BLAs, INDs, NDAs, PMAs, 510(k)s, IDEs, BMFs, MAFs, and DMFs referenced in the current application.)
 IND 19736, DMF 012683, DMF 9543, DMF 15209, DMF 011793, DMF 011820, DMF 011321, DMF 10953, DMF 012683, DMF 031786, DMF 15911

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30. This application contains the following items (Select all that apply)

<input type="checkbox"/> 1. Index	<input type="checkbox"/> 2. Labeling (Select one): <input type="checkbox"/> Draft Labeling <input type="checkbox"/> Final Printed Labeling	<input type="checkbox"/> 3. Summary (21 CFR 314.50 (c))
<input type="checkbox"/> 4. Chemistry Section	<input type="checkbox"/> A. Chemistry, manufacturing, and controls information (e.g., 21 CFR 314.50(d)(1); 21 CFR 601.2) <input type="checkbox"/> B. Samples (21 CFR 314.50 (e)(1); 21 CFR 601.2 (a)) (Submit only upon FDA's request) <input type="checkbox"/> C. Methods validation package (e.g., 21 CFR 314.50(e)(2)(i); 21 CFR 601.2)	
<input type="checkbox"/> 5. Nonclinical pharmacology and toxicology section (e.g., 21 CFR 314.50(d)(2); 21 CFR 601.2)	<input type="checkbox"/> 6. Human pharmacokinetics and bioavailability section (e.g., 21 CFR 314.50(d)(3); 21 CFR 601.2)	
<input type="checkbox"/> 7. Clinical microbiology section (e.g., 21 CFR 314.50(d)(4))	<input type="checkbox"/> 8. Clinical data section (e.g., 21 CFR 314.50(d)(5); 21 CFR 601.2)	

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FIRST CONTINUATION PAGE FOR ITEM 28 – Establishment Information

Provide information for additional establishments below, as needed.

Establishment Name Pfizer Manufacturing Belgium NV			
Address 1 (Street address, P.O. box, company name c/o) Rijksweg 12		Registration (FEI) Number 1000654629	
Address 2 (Apartment, suite, unit, building, floor, etc.)		MF Number	
City Puurs	State/Province/Region N/A		
Country Belgium	ZIP or Postal Code 2870		Establishment DUNS Number 370156507
Is the establishment new to the application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		What is the status of the establishment? <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Withdrawn	

Establishment Contact Information at the site/facility

Name of Contact for the Establishment (b) (6)		Telephone Number (Include area code) (b) (6)
(b) (6)		FAX Number (Include area code) (b) (6)
(b) (6)		Email Address (b) (6)

Manufacturing Steps and/or Type of Testing LNP production and bulk drug product formulation, Fill and finish, Primary packaging, Secondary packaging, Drug product testing	Is the site ready for inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If No, when will site be ready? (mm/dd/yyyy) _____
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Establishment Name Wyeth BioPharma Division of Wyeth Pharmaceuticals LLC			
Address 1 (Street address, P.O. box, company name c/o) 1 Burt Road		Registration (FEI) Number 1222181	
Address 2 (Apartment, suite, unit, building, floor, etc.)		MF Number	
City Andover	State/Province/Region MA		
Country United States	ZIP or Postal Code 01810		Establishment DUNS Number 174350868
Is the establishment new to the application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		What is the status of the establishment? <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Withdrawn	

Establishment Contact Information at the site/facility

Name of Contact for the Establishment (b) (6)		Telephone Number (Include area code) (b) (6)
(b) (6)		FAX Number (Include area code) (b) (6)
(b) (6)		Email Address (b) (6)

Manufacturing Steps and/or Type of Testing Manufacture of drug substance, Drug substance testing, Drug product testing	Is the site ready for inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If No, when will site be ready? (mm/dd/yyyy) _____
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Add Second Continuation Page for #28

SECOND CONTINUATION PAGE FOR ITEM 28 – Establishment Information

Provide information for additional establishments below, as needed.

Establishment Name

Pfizer Inc

Address 1 (Street address, P.O. box, company name c/o)

875 Chesterfield Parkway West

Address 2 (Apartment, suite, unit, building, floor, etc.)

City

Chesterfield

State/Province/Region

MO

Country

United States

ZIP or Postal Code

63017

Registration (FEI) Number

1940118

MF Number

Establishment DUNS Number

004954111

Is the establishment new to the application?

Yes No

What is the status of the establishment?

Pending Active Inactive Withdrawn

Establishment Contact Information at the site/facility

Name of Contact for the Establishment

(b) (6)

Telephone Number (Include area code)

(b) (6)

FAX Number (Include area code)

(b) (6)

Email Address

(b) (6)

Manufacturing Steps and/or Type of Testing

Drug substance testing, Drug product testing

Is the site ready for inspection? Yes No N/A

If No, when will site be ready? (mm/dd/yyyy) _____

Establishment Name

Pfizer Ireland Pharmaceuticals

Address 1 (Street address, P.O. box, company name c/o)

Grange Castle Business Park Clondalkin

Address 2 (Apartment, suite, unit, building, floor, etc.)

City

Dublin 22

State/Province/Region

N/A

Country

Ireland

ZIP or Postal Code

N/A

Registration (FEI) Number

3004145594

MF Number

Establishment DUNS Number

985586408

Is the establishment new to the application?

Yes No

What is the status of the establishment?

Pending Active Inactive Withdrawn

Establishment Contact Information at the site/facility

Name of Contact for the Establishment

(b) (6)

Telephone Number (Include area code)

(b) (6)

FAX Number (Include area code)

(b) (6)

Email Address

(b) (6)

Manufacturing Steps and/or Type of Testing

Drug product testing

Is the site ready for inspection? Yes No N/A

If No, when will site be ready? (mm/dd/yyyy) _____

Add Third Continuation Page for #28

THIRD CONTINUATION PAGE FOR ITEM 28 – Establishment Information

Provide information for additional establishments below, as needed.

Establishment Name

Hospira Zagrab Ltd.

Address 1 (Street address, P.O. box, company name c/o)

Prudnicka cesta 60

Address 2 (Apartment, suite, unit, building, floor, etc.)

City

Prigorje

State/Province/Region

Brdovecko

Country

Croatia

ZIP or Postal Code

10291

Registration (FEI) Number

3010630287

MF Number

Establishment DUNS Number

500625201

Is the establishment new to the application?

Yes

No

What is the status of the establishment?

Pending

Active

Inactive

Withdrawn

Establishment Contact Information at the site/facility

Name of Contact for the Establishment

(b) (6)

Telephone Number (Include area code)

(b) (6)

FAX Number (Include area code)

(b) (6)

Email Address

(b) (6)

Manufacturing Steps and/or Type of Testing

Drug Product Release Testing (Sterility)

Is the site ready for inspection? Yes No N/A

If No, when will site be ready? (mm/dd/yyyy) _____

Establishment Name

SGS Lab Simon SA

Address 1 (Street address, P.O. box, company name c/o)

Vieux Chemin du Poete 10

Address 2 (Apartment, suite, unit, building, floor, etc.)

City

Wavre

State/Province/Region

N/A

Country

Belgium

ZIP or Postal Code

1301

Registration (FEI) Number

3004186644

MF Number

Establishment DUNS Number

283063907

Is the establishment new to the application?

Yes

No

What is the status of the establishment?

Pending

Active

Inactive

Withdrawn

Establishment Contact Information at the site/facility

Name of Contact for the Establishment

(b) (6)

Telephone Number (Include area code)

(b) (6)

FAX Number (Include area code)

(b) (6)

Email Address

(b) (6)

Manufacturing Steps and/or Type of Testing

Drug Product Release Testing (Sterility)

Is the site ready for inspection? Yes No N/A

If No, when will site be ready? (mm/dd/yyyy) _____

Add Fourth Continuation Page for #28

FOURTH CONTINUATION PAGE FOR ITEM 28 – Establishment Information

Provide information for additional establishments below, as needed.

Establishment Name
Fresenius Kabi USA LLC

(b) (4)

Establishment Contact Information at the site/facility

Name of Contact for the Establishment
Anthony Giessert

(b) (4), (b) (6)

Telephone Number (Include area code)

(b) (4), (b) (6)

FAX Number (Include area code)

N/A

Email Address

(b) (6)

Manufacturing Steps and/or Type of Testing

manufacture, testing and release of diluent (0.9% Sodium chloride Injection, USP)

Is the site ready for inspection? Yes No N/A

If No, when will site be ready? (mm/dd/yyyy) _____

Establishment Name

Hospira Inc.

(b) (4)

Establishment Contact Information at the site/facility

Name of Contact for the Establishment
Paul Lucas

(b) (4), (b) (6)

Telephone Number (Include area code)

(b) (4), (b) (6)

FAX Number (Include area code)

(b) (4), (b) (6)

Email Address

(b) (6)

Manufacturing Steps and/or Type of Testing

manufacture, testing and release of diluent (0.9% Sodium chloride Injection, USP)

Is the site ready for inspection? Yes No N/A

If No, when will site be ready? (mm/dd/yyyy) _____

Add Fifth Continuation Page for #28

FIFTH CONTINUATION PAGE FOR ITEM 28 – Establishment Information

Provide information for additional establishments below, as needed.

Establishment Name BioNTech Manufacturing GmbH			
Address 1 (Street address, P.O. box, company name c/o) Emil-von-Behring-Str. 76		Registration (FEI) Number 3011406957	
Address 2 (Apartment, suite, unit, building, floor, etc.)		MF Number	
City Marburg	State/Province/Region N/A		
Country Germany	ZIP or Postal Code 35041		Establishment DUNS Number 313270335
Is the establishment new to the application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		What is the status of the establishment? <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Withdrawn	

Establishment Contact Information at the site/facility

Name of Contact for the Establishment (b) (6)		Telephone Number (Include area code) (b) (6)
FAX Number (Include area code) (b) (6)		Email Address (b) (6)

Manufacturing Steps and/or Type of Testing Manufacture of drug substance, Drug substance testing	Is the site ready for inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If No, when will site be ready? (mm/dd/yyyy) _____
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Establishment Name Labor LS SE & Co KG			
Address 1 (Street address, P.O. box, company name c/o) Mangelsfeld 4,5,6		Registration (FEI) Number 3002807481	
Address 2 (Apartment, suite, unit, building, floor, etc.)		MF Number	
City Bad Bocklet	State/Province/Region		
Country Germany	ZIP or Postal Code 97708		Establishment DUNS Number 314929072
Is the establishment new to the application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		What is the status of the establishment? <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Withdrawn	

Establishment Contact Information at the site/facility

Name of Contact for the Establishment (b) (6)		Telephone Number (Include area code) (b) (6)
FAX Number (Include area code) (b) (6)		Email Address (b) (6)

Manufacturing Steps and/or Type of Testing Drug substance testing (Bioburden)	Is the site ready for inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If No, when will site be ready? (mm/dd/yyyy) _____
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Add Sixth Continuation Page for #28

SIXTH CONTINUATION PAGE FOR ITEM 28 – Establishment Information

Provide information for additional establishments below, as needed.

Establishment Name BioNTech Innovative Manufacturing Services (BNT IMFS) GmbH		Registration (FEI) Number 3014049480	
Address 1 (Street address, P.O. box, company name c/o) Vollmersbachstrasse 66		MF Number	
Address 2 (Apartment, suite, unit, building, floor, etc.)		Establishment DUNS Number 537365801	
City Idar-Oberstein	State/Province/Region		
Country Germany	ZIP or Postal Code 55743		
Is the establishment new to the application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		What is the status of the establishment? <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Withdrawn	

Establishment Contact Information at the site/facility

Name of Contact for the Establishment (b) (6)	Telephone Number (Include area code) (b) (6)
(b) (6)	FAX Number (Include area code) (b) (6)
(b) (6)	Email Address (b) (6)

Manufacturing Steps and/or Type of Testing Drug substance testing	Is the site ready for inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If No, when will site be ready? (mm/dd/yyyy) _____
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Establishment Name BioNTech Manufacturing GmbH		Registration (FEI) Number 3015003158	
Address 1 (Street address, P.O. box, company name c/o) An der Goldgrube		MF Number	
Address 2 (Apartment, suite, unit, building, floor, etc.)		Establishment DUNS Number 314382536	
City Mainz	State/Province/Region		
Country Germany	ZIP or Postal Code 55131		
Is the establishment new to the application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		What is the status of the establishment? <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Withdrawn	

Establishment Contact Information at the site/facility

Name of Contact for the Establishment Christoph Prinz	Telephone Number (Include area code) (b) (6)
(b) (6)	FAX Number (Include area code) (b) (6)
(b) (6)	Email Address (b) (6)

Manufacturing Steps and/or Type of Testing Drug substance testing	Is the site ready for inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If No, when will site be ready? (mm/dd/yyyy) _____
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Add Seventh Continuation Page for #28

SEVENTH CONTINUATION PAGE FOR ITEM 28 – Establishment Information

Provide information for additional establishments below, as needed.

Establishment Name

Hospira, Inc

Address 1 (Street address, P.O. box, company name c/o)

1776 North Centennial Drive

Address 2 (Apartment, suite, unit, building, floor, etc.)

City

McPherson

State/Province/Region

Kansas

Country

United States

ZIP or Postal Code

67460

Registration (FEI) Number

1925262

MF Number

Establishment DUNS Number

030606222

Is the establishment new to the application?

Yes No

What is the status of the establishment?

Pending Active Inactive Withdrawn

Establishment Contact Information at the site/facility

Name of Contact for the Establishment

Ian MacKellar

Telephone Number (Include area code)

(b) (6)

FAX Number (Include area code)

N/A

Email Address

(b) (6)

Manufacturing Steps and/or Type of Testing

Fill and finish, Primary packaging, Secondary packaging, Drug product testing

Is the site ready for inspection? Yes No N/A

If No, when will site be ready? (mm/dd/yyyy) _____

Establishment Name

Sandoz GmbH

(b) (4)

Establishment Contact Information at the site/facility

Name of Contact for the Establishment

(b) (4), (b) (6)

(b) (4), (b) (6)

Telephone Number (Include area code)

(b) (4), (b) (6)

FAX Number (Include area code)

(b) (4), (b) (6)

Email Address

(b) (4), (b) (6)

Manufacturing Steps and/or Type of Testing

(b) (4)

Is the site ready for inspection? Yes No N/A

If No, when will site be ready? (mm/dd/yyyy) _____

Add Eighth Continuation Page for #28