Product Information Guide for COVID-19 Vaccines and Associated Products

Version 7–March 2, 2021

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Product Information Guide Summary

»Purpose:

This guide provides specifications for COVID-19 vaccine and associated products. **This is NOT a catalog from which you can order products**. It provides key product information including product package dimensions and weight, minimum order quantities, product presentation, distribution method, storage information, and additional information. This guide will be updated as more products become available.

»How to use this guide

Jurisdictional immunization program staff–use this guide to help you:

- Learn about available COVID-19 vaccines and associated products.
- Provide answers to questions from COVID-19 vaccination providers.

COVID-19 vaccination providers–use this guide to help you:

- Learn about available COVID-19 vaccines and associated products.
- Prepare storage space to ensure ordered quantities can be stored at the proper temperature.
- Prepare staff responsible for receipt and storage of vaccine deliveries.

Refer to CDC's *Vaccine Storage and Handling Toolkit* for recommendations and best practices on related topics such as vaccine inventory management.

»Addendum:

The COVID-19 Vaccine Ancillary Supply Kit Guidance in the addendum (page 12) provides more specific information on the ancillary supply kits.

At this time, the products in this guide are only available for use in adults (i.e., persons aged 18 years or older). You will receive additional information, and this guide will be updated to reflect any changes to COVID-19 age indications.

Additional COVID-19 vaccine may be authorized or licensed in the future. This guide will be updated as more products become available.

VTrckS: https://www.cdc.gov/vaccines/programs/vtrcks/index.html
Vaccine Storage and Handling Toolkit: https://www.cdc.gov/vaccines/hcp/admin/storage/toolkit/index.html

Centrally Distributed Vaccines and Ancillary Kits*

Vaccines (Centrally Distributed)

Moderna COVID-19 Vaccine

Manufacturer	**Moderna**
NDC # in VTrckS	80777-0273-99
Carton dimensions	53 mm x 53 mm x 137 mm (approximately 2 in x 2 in x 5 3/8 in)
Minimum order size and increment	100 doses
Presentation	10-dose multidose vial/10 MDV per carton
Items automatically added to your VTrckS order when you select this product	Ancillary supply administration kit: standard syringe
Vaccination schedule	2-dose series separated by at least 28 days
Age indications	18 years of age and older

On-site vaccine storage	• -25°C to -15°C (-13°F to 5°F) in vaccine storage unit
	• 2°C to 8°C (36°F to 46°F) in vaccine storage unit for up to 30 days if the vial is not entered
	• Freezer temperature settings will require adjustment if storing this vaccine and varicella-containing vaccines in the same unit. The temperature range for this vaccine is limited compared to varicella-containing vaccines.
	• The expiration date is NOT printed on the vaccine vial or carton. To determine the expiration date:
	  ○ Scan the QR code located on the outer carton, or
	  ○ Go to www.modernatx.com/covid19vaccine-eua/.

*Pfizer's COVID-19 vaccine is **not** centrally distributed; it is distributed directly from the manufacturer. Please refer to the next section for information on Pfizer COVID-19 vaccine.
Moderna: https://www.modernatx.com/

Janssen COVID-19 Vaccine (Johnson & Johnson)

Manufacturer	**Janssen (Johnson & Johnson)**
NDC # in VTrckS	59676-0580-15
Carton dimensions	93 mm x 38 mm x 54 mm (approximately 3.66 in x 3.66 in x 2.13 in)
Minimum order size and increment	100 doses
Presentation	5-dose multidose vial/10 MDVs per carton
Items automatically added to your VTrckS order when you select this product	Ancillary supply administration kit: standard syringe
Vaccination schedule	1 dose
Age indications	18 years of age and older

On-site vaccine storage	• 2°C to 8°C (36°F to 46°F) in vaccine storage unit until the expiration date
	• The expiration date is NOT printed on the vaccine vial or carton. To determine the expiration date:
	  ○ Scan the QR code located on the outer carton, or
	  ○ Call 1-800-565-4008, or
	  ○ Go to www.vaxcheck.jnj.

Janssen (Johnson & Johnson): http://www.janssencovid19vaccine.com/

Ancillary Supply Administration Kit: Standard Syringe (Centrally Distributed)

Kit description	Standard syringe kit for vaccine administration		
NDC # in VTrckS	11111-0001-01 (Adult)		
Kit dimensions/weight	14 in x 13 in x 9 in/3.5 lbs (standard ancillary adult kit)		
Minimum order size and increment	Kit to support administration of 100 doses (plus overage)		
Accompanies 0.5mL-dose vaccines	Moderna, Janssen		
Order Intention	Initially only adult kits will be available, when authorized for use in younger populations, pediatric and mixed (pediatric and adult) will be available for order.		
Contents: Each kit contains a label on the outside of the box with a complete inventory list.	**Adult Kit** • 85 needles (22-25G x 1”) • 20 needles (22-25G x 1.5”) • 105 syringes (1 mL or 3mL) • 210 alcohol pads • 100 vaccination record cards • 1 needle gauge and length chart • 2 face shields • 4 surgical masks	**Pediatric Kit** • 105 needles (25G x 1”) • 105 syringes (1 mL or 3mL) • 210 alcohol pads • 100 vaccination record cards • 1 needle gauge and length chart • 2 face shields • 4 surgical masks	**Mixed Kit** • 95 needles (25G x 1”) • 10 needles (22-25G x 1.5”) • 105 syringes (1 mL or 3 mL) • 210 alcohol pads • 100 vaccination record cards • 1 needle gauge and length chart • 2 face shields • 4 surgical masks

Additional information	• Products and brands for kit components may vary.
	• All needles for vaccine administration are safety needles.
	• Due to the limited supply of needles and syringes, specification of preferences for needles or syringes is not feasible.
	• Kit and pallet configuration
	  ○ 1 kit = 100 vaccinations (plus overage)
	  ○ 1 pallet = 36 kits (supports 3,600 vaccinations, plus overage)
	
	For more information about ancillary kits components: [COVID-19 Vaccine Ancillary Supply Kit Guidance]		

Centrally Distributed Ancillary Supply Kit Volume

Vaccination provider sites will need to prepare space to store vaccine and ancillary kits. Large volume orders of vaccine can be compactly packaged, however, ancillary supply kits to support these orders will require much more storage space. For each 100 doses of vaccine, an ancillary kit measuring 14 in x 13 in x 9 in and weighing 3.5 pounds will be provided. The below picture demonstrates the number and volume of ancillary kits compared to vaccine in a large volume order of 4,000 doses.

Direct-Ship Vaccine and Ancillary Kit

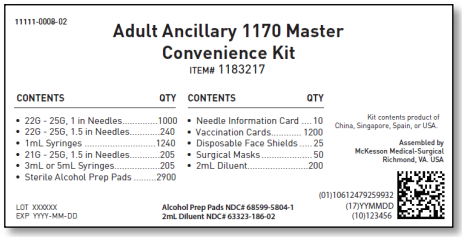
Pfizer Vaccine (Direct Ship)

Manufacturer	Pfizer
NDC # in VTrckS	59267-1000-02
Tray dimensions	229 mm x 229 mm x 40 mm (approximately 9 in x 9 in x 1.5 in)
Minimum order size and increment	1,170 doses
Presentation	6-dose multidose vial/195 MDV per tray
Items automatically added to your VTrckS order when you select this vaccine	Large combined ancillary supply kit for administration and mixing (includes 0.9% preservative-free normal saline diluent).
Age indications	16 years of age and older
Vaccination schedule	2-dose series separated by at least 21 days
On-site vaccine storage	• -80°C to -60°C (-112°F and -76°F) in ultracold storage unit • -80°C to -60°C (-112°F and -76°F) in the original thermal shipping container with dry ice recharges. Please allow for forthcoming information on the maximum time for storage in these conditions. • 2° C to 8°C (36° F to 46°F) in a storage unit for up to 5 days (120 hours)
Additional information	• Vaccine will be shipped in a container that includes dry ice. Thermal shipping container dimensions are 400 mm x 400 mm x 560 mm (approximately 15 ¾ in x 15 ¾ in x 22 in). • A thermal shipping container holds up to 5 cartons/trays. • If using the thermal shipping container to store vaccine, add dry ice pellets (9 mm to 16 mm) within 24 hours of delivery and every 5 days or as needed to maintain temperatures. • Unless a provider opts out, dry ice will be delivered within 24 hours of vaccine delivery to refill the thermal shipping container for the first re-ice only. Additional dry ice will not be provided. Locate a dry ice source if planning to use the shipping container to store vaccine for more than 5 days. • Do not use or store dry ice or liquid nitrogen (LN_2) in confined areas, walk-in refrigerators, environmental chambers or rooms without ventilation. A leak in such an area could cause an oxygen-deficient atmosphere. • A full shipping container with vaccine and dry ice weighs approximately 80 pounds.

Pfizer: https://www.pfizer.com/

Large Combined Ancillary Supply Kit for Administration and Mixing (Direct Ship)

Kit description	Combined kit with small syringes for vaccine administration, mixing supplies, and diluent		
NDC # in VTrckS	11111-0008-02 (Adult)		
Kit dimensions/weight	Kit box may be one of the following sizes: • 24 in x 18 in x 20 in/45 – 46 lbs • 24 in x 20 in x 18 in / 45 – 46 lbs • 24 in x 20 in x 20 in / 45 – 46 lbs • 24 in x 20 in x 22 in / 45 – 46 lbs		
Minimum order size and increment	Kit to support administration of **1,170 doses** (plus overage), including 0.9% preservative-free normal saline diluent		
Accompanies 0.3mL-dose vaccines	Pfizer		
Order Intention	Initially only adult kits will be available, when authorized for use in younger populations, pediatric and mixed (pediatric and adult) will be available for order.		
Contents: Each kit contains a label on the outside of the box with a complete inventory list.	Adult Kit* • 1,000 needles (22-25G X 1”) • 240 needles (22-25G X 1.5”) • 205 mixing needles (21-25G X1.5”) • 1,240 syringes (1 mL) • 205 syringes (3 mL or 5 mL) • 2,900 alcohol pads • 1,200 vaccination record cards • 10 needle gauge and length charts • 25 face shields • 50 surgical masks • 200 Diluent vials	Pediatric Kit* • 1,234 needles (25G X 1”) • 205 mixing needles (21-25G X1.5”) • 1,234 syringes (1 mL) • 205 syringes (3 mL or 5 mL) • 2,900 alcohol pads • 1,200 vaccination record cards • 10 needle gauge and length charts • 25 face shields • 50 surgical masks • 200 Diluent vials	Mixed Kit* • 1,116 needles (25G X 1”) • 120 needles (22-25G X1.5”) • 205 mixing needles (21-25G X1.5”) • 1,236 syringes (1 mL) • 205 syringes (3 mL or 5 mL) • 2,900 alcohol pads • 1,200 vaccination record cards • 10 needle gauge and length charts • 25 face shields • 50 surgical masks • 200 Diluent vials

Additional information	• Products and brands for kit components may vary.
	• All needles for vaccine administration are safety needles.
	• Mixing needles are conventional.
	• Due to the limited supply of needles and syringes, specification of preferences for needles or syringes is not feasible.
	• Kit and pallet configuration
	  ○ 1 kit = 1,170 vaccinations (plus overage)
	  ○ 1 pallet = 8 kits (supports 9,360 vaccinations, plus overage)
	 
	11111-0008-02
	Adult Ancillary 1170 Master Convenience Kit
	ITEM# 1183217
	CONTENTS QTY
	• 22G - 25G, 1 in Needles.....1000
	• 22G - 25G, 1.5 in Needles.....240
	• 1mL Syringes.....1240
	• 21G - 25G, 1.5 in Needles.....205
	• 3mL or 5mL Syringes.....205
	• Sterile Alcohol Prep Pads 2900
	CONTENTS QTY
	• Needle Information Card 10
	• Vaccination Cards.....1200
	• Disposable Face Shields 25
	• Surgical Masks.....50
	• 2mL Diluent.....200
	Kit contents product of China, Singapore, Spain, or USA.
	Assembled by McKesson Medical-Surgical Richmond, VA. USA
	(01)10612479259932
	(17)YYMMDD
	(10)123456
	LOT XXXXXX
	EXP YYYY-MM-DD
	Alcohol Prep Pads NDC# 68599-5804-1
	2mL Diluent NDC# 63323-186-02		

Additional information (continued)	
	For more information about ancillary kit components: [COVID-19 Vaccine Ancillary Supply Kit Guidance]

*The total number of needles in each adult, pediatric, and mixed combined ancillary supply kit for administration and mixing will vary (adult–1,240; pediatric–1,234; mixed–1,236). The difference in total number is related to increasing the kit build efficiency.

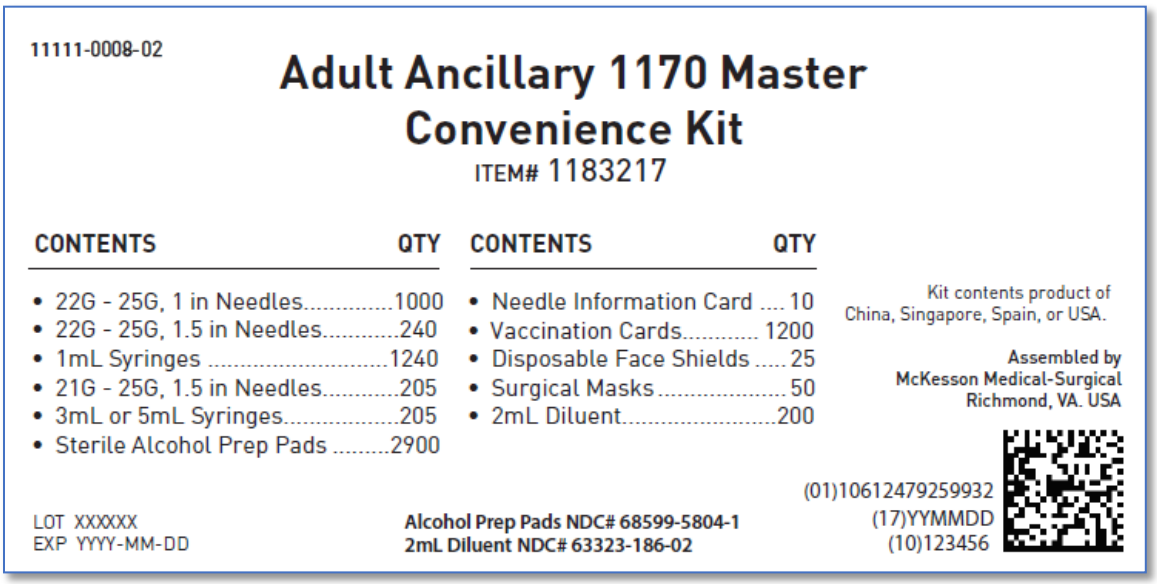
Dry Ice Kit (Direct Ship)

Kit description	Dry ice kit with starter materials
NDC # in VTrckS	11111-0007-03
Kit dimensions/weight	18 in x 14 in x 14 in/39 lbs
Minimum order size and increment	Kit to support initial dry ice recharge of one thermal shipping container
Accompanies ultracold vaccine	Pfizer
Contents	• Dry ice (~35 pounds) • Gloves for working with dry ice (1 pair) • Face shield (1) • Ice scoop (1) • OSHA dry ice safety card (1)
Additional information	• Products and brands for kit components may vary.

Contents and Quantities for Mega Kits to Support Pfizer Vaccine

December 11, 2020

This is a clarification about the needle and syringes included in the COVID-19 ancillary supply kits for administering Pfizer's ultra-frozen vaccine. Based on questions coming into our call centers supporting the distribution of the ancillary supply kits, there is some confusion about the quantities of needles and syringes included in the kits. Each kit is clearly labeled with a complete inventory list. (See example below.)



11111-0008-02

Adult Ancillary 1170 Master Convenience Kit

ITEM# 1183217

CONTENTS	QTY	CONTENTS	QTY
• 22G - 25G, 1 in Needles	1000	• Needle Information Card	10
• 22G - 25G, 1.5 in Needles	240	• Vaccination Cards	1200
• 1mL Syringes	1240	• Disposable Face Shields	25
• 21G - 25G, 1.5 in Needles	205	• Surgical Masks	50
• 3mL or 5mL Syringes	205	• 2mL Diluent	200
• Sterile Alcohol Prep Pads	2900		

Kit contents product of China, Singapore, Spain, or USA.

Assembled by
McKesson Medical-Surgical
Richmond, VA. USA

(01)10612479259932
(17)YYMMDD
(10)123456

LOT XXXXXX
EXP YYYY-MM-DD

Alcohol Prep Pads NDC# 68599-5804-1
2mL Diluent NDC# 63323-186-02

McKESSON

Procuring the sheer number of needles and syringes needed to support an operation of this size involves complex logistics, which is why vaccine administrators may see variance in how the supplies are packaged. The listed products may be received as a combo, defined as a single packaged needle and syringe, or as individual components. The quantities listed on the label represent the minimum number of total combinations in each kit.

- For example, if the kit above was shipped with (1,000) 1ml-25Gx1" syringe/needle combos and (240) 22Gx1.5" needles for administration, the kit would only contain (240) 1ml syringes to accompany the needles. This would yield a total of (1,240) needles with accompanying syringes (some packaged together, some individually).

- If a kit contained only individual needles and syringes, there may be 5 more needles than syringes. This is intentional and is designed to improve your experience and maximize the inventory across all kits built.
    - In this scenario, the adjustment was to the 22-25Gx1.5" needles. The kit was originally configured to have 195. This was increased by 5 (to 200) to improve the administrators' experience by using two whole boxes.

Please note there will be multiple configurations used as products continue to be procured to support the assembly of these and other ancillary supply kits. Regardless of configuration, the kit contents will meet the minimum quantities listed on the kit content labels and will support the same total number of doses.

We hope this communication helps your teams as they review the content in the kits to ensure their readiness for administration when you receive the vaccine doses.

Please direct any issues regarding the ancillary kits to support the Pfizer COVID-19 vaccine to McKesson Customer Service at:

McKesson Customer Service
Phone #: 833-272-6634
Email: SNSSupport@McKesson.com

Addendum: COVID-19 Vaccine Ancillary Supply Kit Guidance

COVID-19 Vaccine Ancillary Supply Kit Guidance

»Purpose:

This guidance provides an overview of the COVID-19 vaccine ancillary supply kits the U.S. Department of Health and Human Services (HHS) is providing to enrolled COVID-19 vaccination providers as part of the federal COVID-19 vaccination program. It includes a general description of different COVID-19 vaccine ancillary kit configurations for administration, as well as a list of select corresponding products, product descriptions, and product quantities. For reference and to access additional product-specific information and training resources, this document also includes website hyperlinks and contact information for select product manufacturers.

»Background:

HHS is providing ancillary supply kits for the administration of COVID-19 vaccine. The Strategic National Stockpile (SNS), managed by the HHS Office of the Assistant Secretary for Preparedness and Response (ASPR), is partnering with McKesson Corporation to produce, store and distribute these vaccine ancillary supply kits on behalf of the SNS.

»How to use this guide:

Jurisdictional immunization program staff–use this guide to help you:

- Learn about products that will arrive in ancillary kit(s).

COVID-19 vaccination providers–use this guide to help you:

- Learn about products that will arrive in ancillary kit(s).
- Prepare storage space for the ancillary kit products you will receive.

»Ancillary kit basics:

How does a provider order ancillary kits?

You do not need to order ancillary kits. When you order COVID-19 vaccine in VTrckS, ancillary supplies will automatically be ordered in amounts to match the vaccine orders.

Note: To receive COVID-19 vaccine, vaccination provider facilities and organizations must enroll in the federal COVID-19 Vaccination Program coordinated through their jurisdiction's immunization program.

How much do ancillary kits cost?

Ancillary kits will be provided at no cost to enrolled COVID-19 vaccination providers.

What products are in ancillary kits?

Each ancillary kit, except for the kits designated for use with the Pfizer vaccine, contains supplies to administer 100 doses of vaccine (with some overage). Each kit configured for the Pfizer vaccine will support 1,170 doses of vaccine (with some overage). Refer to page 16 for possible variations on kit contents.

How will needles and syringes be packaged?

Needles and syringes for vaccine administration may be packaged as integrated units (i.e., combo needles and syringes for which NO assembly required) or as separate items in a kit (i.e., assembly required).

Can I order specific brand(s) of needles and/or syringes?

Due to a limited supply of needles and syringes, specification of preferences for needles or syringes is not feasible. Products included in the kits may vary over time. In order to meet the demand for supplies, the federal government has purchased single-use, sterile needles and syringes from multiple manufacturers (to include foreign sources) to ensure adequate supplies. These products are approved by the U.S. Food and Drug Administration, safety-engineered and compliant with standards established by the Occupational Safety and Health Administration.

What is considered "pediatric" and "adult"?

For the purpose of immunizations **pediatric is birth through 18 years** and **adult is 19 years and older**. Refer to each product's EUA for age indications.

»Related guidance and resources:

- Preliminary Strategy for Distributing a COVID-19 Vaccine - PDF
- COVID-19 Vaccination Program Interim Playbook for Jurisdiction Operations - PDF

»Contact for questions:

Vaccination providers should contact the manufacturer with questions related to proper product use.

Becton Dickinson (BD) Worldwide	https://www.bd.com/en-us/	844-823-5433
Cardinal Health	https://www.cardinalhealth.com/en.html	1-800-964-5227
HTL Strefa	https://htl-strefa.com/home-page/	877-660-1900
Duopross Meditech Corp	https://www.duopross.com/	1-800-844-1350
Retractable Technologies Inc. (RTI)	https://retractable.com/	888-703-1010
Marathon/Smiths Medical	N/A	941-704-7864

Possible Ancillary Kits—COVID-19 Vaccines, *Excluding Pfizer*

The following tables list the contents of each possible ancillary kit by product and quantity. All kits are configured for 100 doses with 5% surplus.

Needle and Syringe Sizes for *Adult* Ancillary Kits

Product	Quantity
Needle (22–25G x 1")	85
Needle (22–25G x 1.5")	20
Syringe (1 mL or 3 mL)	105
Alcohol Pad (sterile, individually sealed)	210
Vaccination Record Card	100
Needle Gauge and Length Chart	1
Face Shield	2
Surgical Mask	4

Needle and Syringe Sizes for *Pediatric* Ancillary Kits

Product	Quantity
Needle (25G x 1")	105
Syringe (1 mL or 3 mL)	105
Alcohol Pad (sterile, individually sealed)	210
Vaccination Record Card	100
Needle Gauge and Length Chart	1
Face Shield	2
Surgical Mask	4

Needle and Syringe Sizes for *Mixed* Ancillary Kits

Product	Quantity
Adult/Pediatric Needle (22–25G x 1")	85
Adult Needle (22–25G x 1.5")	20
Syringe (1 mL or 3 mL)	105
Alcohol Pad (sterile, individually sealed)	210
Vaccination Record Card	100
Needle Gauge and Length Chart	1
Face Shield	2
Surgical Mask	4

Needle and Syringe Sizes for Mixing Kits

Needle and Syringe Sizes for *Mixing* Kits

Product	Quantity
Needle (19-21G x 1.5")	11
Syringe (5 mL or 6 mL)	11
Alcohol Pad (sterile, individually sealed)	22

Needle Gauge and Length Chart: www.cdc.gov/vaccines/hcp/admin/downloads/vaccine-administration-needle-length.pdf

Possible Ancillary Kits—COVID-19 Vaccine, *Pfizer* Only (supports 1,170 doses)

Needle and Syringe Sizes for Large Combined *Adult* Ancillary Kits

Product	Quantity
Needle (22–25G x 1")	1,000
Needle (22–25G x 1.5")	240
Needle, Mixing (21-25G x 1.5")	205
Syringe (1 mL)	1,240
Syringe, Mixing (3 mL or 5 mL)	205
Alcohol Pad (sterile, individually sealed)	2,900
Vaccination Record Card	1,200
Needle Gauge and Length Chart	10
Face Shield	25
Surgical Mask	50
Diluent	200

Needle and Syringe Sizes for Large Combined *Pediatric* Ancillary Kits

Product	Quantity
Needle (25G x 1")	1,234
Needle, Mixing (21-25G x 1.5")	205
Syringe (1 mL)	1,234
Syringe, Mixing (3 mL or 5 mL)	205
Alcohol Pad (sterile, individually sealed)	2,900
Vaccination Record Card	1,200
Needle Gauge and Length Chart	10
Face Shield	25
Surgical Mask	50
Diluent	200

Needle and Syringe Sizes for Large Combined *Mixed* Ancillary Kits

Product	Quantity
Needle (25G x 1")	1,116
Needle (22–25G x 1.5")	120
Needle, Mixing (21–25G x 1.5")	205
Syringe (1 mL)	1,236
Syringe, Mixing (3 mL or 5 mL)	205
Alcohol Pads (sterile, individually sealed)	2,900
Vaccination Record Card	1,200
Needle Gauge and Length Chart	10
Face Shield	25
Surgical Mask	50
Diluent	200

Needle Gauge and Length Chart: www.cdc.gov/vaccines/hcp/admin/downloads/vaccine-administration-needle-length.pdf

General Needle and Syringe Resources

Web Resources

- Vaccine Administration Resource Library: Includes resources for preparing, administering, and documenting vaccines

PDF Resources

- Vaccine Administration: Needle Gauge and Length–PDF
- Vaccine Administration: Intramuscular (IM) Injection Children 7 through 18 years of age–PDF
- Vaccine Administration: Intramuscular (IM) Injection Adults 19 years of age and older–PDF

Video Resources

- Assemble a Manufacturer-filled Syringe: This training addresses how to assemble a manufacturer-filled syringe, available for a variety of vaccines.

Specific Ancillary Kit Products and Product Information

The following tables, organized by manufacturer or broker, list possible ancillary kit products with an example image (colors may vary) and links to more information. Resources for additional information are organized by:

Web resources | Pdf resources | Video resources

Becton Dickinson Products (Phone: 844-823-5433)

Item	Where to Find more Information
Hypodermic Needle PrecisionGlide™ Conventional* • Gauge: 22-25/Length: 1.5” 	PrecisionGlide™ Conventional Needle overview Visit Becton Dickinson catalog and search product numbers: 305127, 305156, 305194
Safety Hypodermic Needle BD Eclipse™ • Gauge: 22-25/Length: 1-1.5” • Gauge: 23/25/Length: 1-1.25” 	BD Eclipse™ Needle overview Visit Becton Dickinson catalog and search product numbers: *22-25G, 1-1.5”*: 305762, 305761, 305763, 305767 *23/25, 1-1.25”*: 305866, 305891, 305892 BD Eclipse™ directions for use BD Eclipse™ Needle instruction video
Safety Combo, Syringe with BD Eclipse™ Needle 3mL BD Luer-Lok™ Syringe • Gauge: 22-25/ Length: 1-1.5” 	BD Eclipse™ Needle overview Visit Becton Dickinson catalog and search product numbers: 305782, 305783, 305787 BD Eclipse™ directions for use BD Eclipse™ Needle Instruction video

Item	Where to Find more Information
1mL/3mL BD Luer-Lok™ Syringe	Conventional syringe overview Visit Becton Dickinson catalog and search product numbers: 309628, 309657
Conventional Combo* • Syringe (3mL/5mL) with attached needle Gauge: 22-25/Length: 1-1.5”	Conventional syringe Overview Visit Becton Dickinson catalog and search product numbers: 309361, 309571, 309572, 309574, 309581, 309582, 309589

*For mixing ONLY and NOT for vaccine administration

PrecisionGlide™ Conventional Needle overview: https://www.bd.com/en-us/offerings/capabilities/syringes-and-needles/conventional-syringes-and-needles/conventional-needles

Becton Dickinson Product catalog: http://catalog.bd.com/

BD Eclipse™ Needle overview: https://www.bd.com/en-us/offerings/capabilities/syringes-and-needles/safety-syringes-and-needles/safety-needles/bd-eclipse-needle

BD Eclipse™ directions for use: https://www.bd.com/documents/guides/directions-for-use/MPS_HY_Eclipse-needle-usage-guidelines_DF_EN.pdf

BD Eclipse™ Needle instruction video: https://www.bd.com/en-us/company/video-gallery?video=6186777712001

Conventional Syringe overview: https://www.bd.com/en-us/offerings/capabilities/syringes-and-needles/conventional-syringes-and-needles/conventional-syringes

Cardinal Health (Phone: 1-800-964-5227)

Item	Where to find more information
Tuberculin Syringe Monoject™ • 1mL Luer Lock Tip Conventional Syringe 	1 mL Luer Lock Syringes product page Visit Cardinal Health webpage and search product numbers: 1180100777, 1180300777
Magellan™ 3mL Syringe with Hypodermic Safety Needle • Gauge: 23/25/Length: 1” 	Magellan™ Safety Needle and Syringe Combination product page Visit Cardinal Health webpage and search product numbers: 8881833310, 8881833510
Magellan™ Hypodermic Safety Needle • Gauge: 23/25 Length: 1” 	Magellan™ Hypodermic Safety Needle Product page Visit Cardinal Health webpage and search product numbers: 8881850310, 8881850510

1 mL luer Lock Syringes product page: https://www.cardinalhealth.com/en/product-solutions/medical/patient-care/sharp-safety/needles-and-syringes/1-ml-luer-lock-syringes.html
Cardinal Health webpage: https://www.cardinalhealth.com/en.html
Magellan™ Safety Needle and Syringe Combination product page: https://www.cardinalhealth.com/en/product-solutions/medical/patient-care/sharp-safety/needles-and-syringes/safety-needles-and-syringes/magellan-safety-needle-and-syringe-combination.html
Magellan™ Hypodermic Safety Needle product page: https://www.cardinalhealth.com/en/product-solutions/medical/patient-care/sharp-safety/needles-and-syringes/safety-needles-and-syringes/magellan-safety-needles.html

Duopross Meditech Corp (Phone: 1-800-844-1350)

Item	Where to find more information
Safety Combo, 1mL Syringe with Safety Needle* • Gauge: 23- 25/Length: 1-1.5” 	Website and product information currently unavailable.
Safety Combo, 3mL Syringe with Safety Needle* • Gauge: 23-25/Length: 1-1.5” 	Website and product information currently unavailable.

*Image for product is a placeholder stock image only. Product image is not currently available.

Goldbelt (Contact information currently unavailable)

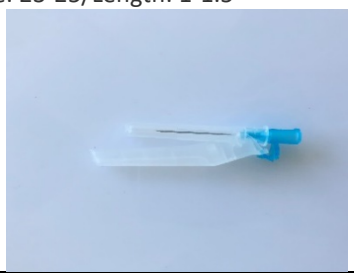
Item	Where to find more information
Safety Needle* • Gauge: 23-25/Length: 1-1.5” 	Website and product information currently unavailable.
Conventional Syringe 1mL* 	Website and product information currently unavailable.
Conventional Syringe 3mL* 	Website and product information currently unavailable.
Conventional Syringe 5mL* 	Website and product information currently unavailable.

*Image for product is a placeholder stock image only. Product image is not available currently.

Gold Coast (contact information not currently available)

Item	Where to find more information
Safety Combo, 1mL Syringe with Safety Needle • Gauge: 23/Length: 1” 	EasyTouch-FlipLock_Syringe_Instructions.p CP Safety_Flyer_Product EasyTouch-Safety_Syringe_Needle_Brochu Product Number: Carepoint 35-8204
Safety Combo, 1mL Syringe with Safety Needle • Gauge: 25/ Length: 1” 	EasyTouch-FlipLock_Syringe_Instructions.p CP Safety_Flyer_Product EasyTouch-Safety_Syringe_Needle_Brochu Product Number: Carepoint 35-8203
Safety Combo, FlipLock 3mL Syringe with Safety Needle • Gauge: 23/Length: 1” 	EasyTouch-FlipLock_Syringe_Instructions.p CP Safety_Flyer_Product EasyTouch-Safety_Syringe_Needle_Brochu Product Number: 822331
Safety Combo, FlipLock 3mL Syringe with Safety Needle • Gauge: 25/ Length: 1” 	EasyTouch-FlipLock_Syringe_Instructions.p CP Safety_Flyer_Product EasyTouch-Safety_Syringe_Needle_Brochu Product Number: 825231
Safety Needle • Gauge: 25/ Length: 1” • Gauge: 23/ Length: 1” 	EasyTouch-FlipLock_Syringe_Instructions.p CP Safety_Flyer_Product EasyTouch-Safety_Syringe_Needle_Brochu Product Numbers: 25G x 1”: EasyTouch 802501 23G x 1”: EasyTouch 812301

HTL Strefa (Phone: 877-660-1900)

Item	Where to find more information
Safety Combo, 1mL Syringe with Safety Needle • Gauge: 25/Length: 1” 	HTL Strefa home page (product 6054 currently unlisted) Appendix 1 Products picture and artwork_la
Safety Combo, 3mL Syringe with Safety Needle • Gauge: 23/Length: 1” 	HTL Strefa home page (product 6053 currently unlisted) Appendix 1 Products picture and artwork_la
Safety Combo, 3mL Syringe with Safety Needle • Gauge: 25/Length: 1” 	HTL Strefa home page (product 6055 currently unlisted) Appendix 1 Products picture and artwork_la

HTL Strefa home page: https://htl-strefa.com/home-page/

Marathon/Smiths Medical (Phone: 941-704-7864)

Item	Where to find more information
Safety Combo, 3mL Syringe with Safety Needle* • Gauge: 22-25/Length: 1-1.5” 	Website and product information currently unavailable. See page 28 for Identification and Connection Guide and QR code for a short video describing the connections. Product numbers: 4234, 4236, 423510

*Image for product is a placeholder stock image only. Product image is not available currently.

Medline (Contact information currently unavailable)

Item	Where to find more information
Safety Combo, 1mL Syringe with Safety Needle • Gauge: 23/Length: 1” • Gauge: 25/Length: 1” 	Website and product information currently unavailable.
Safety Needle • Gauge: 23/Length: 1-1.5” • Gauge: 25/Length: 1” 	Website and product information currently unavailable.
Conventional Syringe • 1mL • 3mL 	Luer Lock Syringe product page Visit Medline webpage and search product numbers: SYR101010, SYR103010

Luer Lock Syringe product page: https://www.medline.com/product/Luer-Lock-Syringes/Syringes-without-Needle/Z05-PF11377?question=SYR103010&index=P1&indexCount=1#mrkOrderingInfoTable

Medline webpage: https://www.medline.com

Quality Impact (Contact information currently unavailable)

Item	Where to find more information
Safety Combo, 1mL Syringe with Safety Needle* • Gauge: 23-25/Size: 1” 	Website and product information currently unavailable.
Safety Combo, 3mL Syringe with Safety Needle* • Gauge: 23-25/Size: 1” 	Website and product information currently unavailable.

*Image for product is a placeholder stock image only. Product image is not available currently.

Retractable Technologies Inc. (Phone: 888-703-1010)

Item	Where to find more information
Safety Combo Unit, 1mL/3ml, with attached needle • Gauge: 23/25/Length: 1” 	Visit Retractable Technologies Inc. webpage and search product numbers: 10161, 10311, 10391 VanishPoint® Syringes brochure VanishPoint® Syringes product usage information VanishPoint® Syringes video

Retractable Technologies Inc. webpage: https://vanishpoint.com/
VanishPoint® Syringes brochure: https://d2ghdaxqb194v2.cloudfront.net/577/166728.pdf
VanishPoint® Syringes product usage information: https://d2ghdaxqb194v2.cloudfront.net/577/166715.pdf
VanishPoint® Syringes video: https://youtu.be/wC-uXq3uUdQ

Syringe and/or Needle Resources

Smiths Medical Needle-Pro® and Needle-Pro® Edge™ Safety Devices

Needle-Pro® and Needle-Pro® Edge™ Safety Devices

Identification and Connection Guide

Smiths Medical offers the Needle-Pro® and Needle-Pro® Edge™ hypodermic safety devices. It is important to identify which device you are using and review the Instructions for Use prior to using. The information below is to assist you in identifying which device you are using and to help ensure the connections are tightened and secure prior to use.

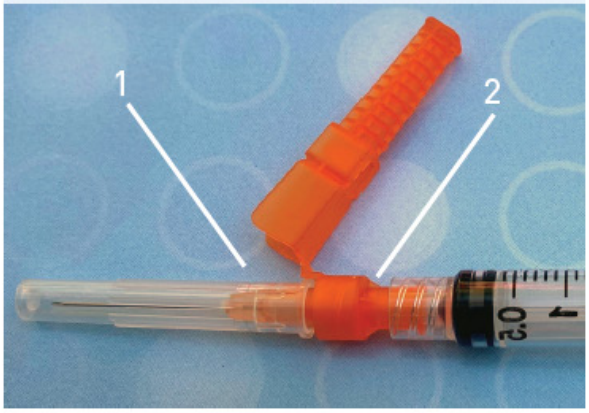
Needle-Pro® Hypodermic Safety Device

Two points of connection

- Needle to Needle-Pro® orange safety device (1)
- Needle-Pro® orange safety device to syringe (2)

Ensure the 2 connections are secure by:

1. Twisting to tighten the needle into the Needle-Pro® orange safety device AND
2. Twisting to tighten the Needle-Pro® orange safety device into the syringe



Needle-Pro® EDGE™ Hypodermic Safety Device

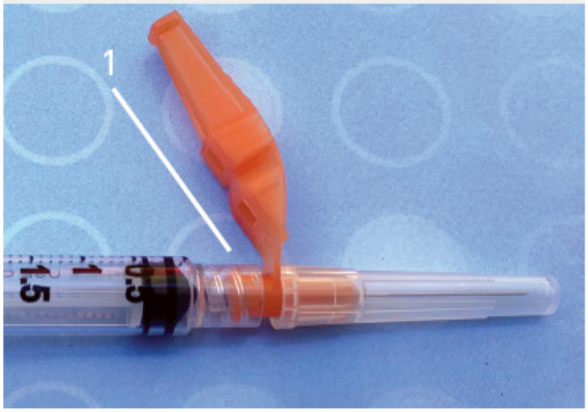
One connection

- Needle-Pro® Edge™ safety device to syringe (1)

Ensure the connection is secure by:

1. Twisting to tighten the connection between the Needle-Pro® Edge™ and syringe prior to use

Scan the QR Code for a short video describing the connections.



Contact customer services at 1-800-258-5361 or at www.smiths-medical.custhelp.com

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smiths medical

Find your local contact information at: www.smiths-medical.com/customer-support

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Pfizer-BioNTech COVID-19 Vaccine and Low Dead-Volume (LDV) Syringes and/or Needles

Pfizer-BioNTech COVID-19 Vaccine and
LOW DEAD-VOLUME (LDV) SYRINGES AND/OR NEEDLES

The Pfizer-BioNTech COVID-19 Vaccine has not been approved or licensed by FDA, but has been authorized for emergency use under an Emergency Use Authorization to prevent Coronavirus Disease 2019 (COVID-19) for use in individuals 16 years of age and older. The emergency use of this product is only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of the medical product under Section 564(b)(1) of the FD&C Act unless the declaration is terminated or authorization revoked sooner.

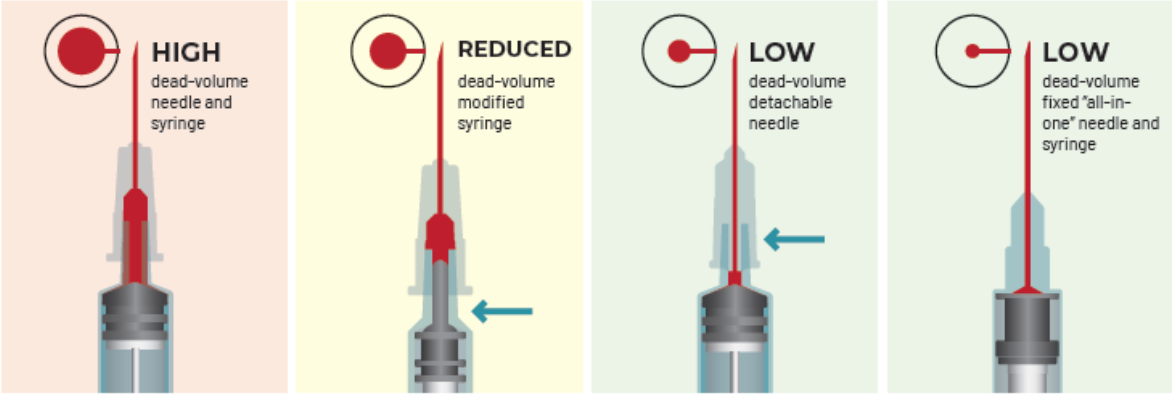
Please see Emergency Use Authorization (EUA) Fact Sheet for Healthcare Providers Administering Vaccine (Vaccination Providers) including Full EUA Prescribing Information available at www.cvdvaccine-us.com.

After dilution, vials of Pfizer-BioNTech COVID-19 Vaccine contain 6 doses of 0.3 mL of vaccine. Low dead-volume syringes and/or needles can be used to extract 6 doses from a single vial.

Use of low dead-volume (LDV) syringes and/or needles may maximize the potential number of vaccine doses and minimize vaccine wastage[1]

Low dead-volume (also called low dead-space) is the amount of fluid remaining within the syringe and needle after an injection is completed[2]

Characteristics of LDV syringes and needles



Withdrawal of 6 doses is unlikely with standard detachable needles with standard syringe

LDV SYRINGES have **plungers molded to the luer cone**, allowing fluid to be cleared from the syringe tip during injection

LDV NEEDLES have an **extension of the needle** that fits through the opening of some standard syringes, allowing for a reduction in dead space

FIXED-NEEDLE SYRINGES have low dead volumes and will, in most cases, achieve 6 doses of the Pfizer-BioNTech COVID-19 Vaccine

Compatible LDV syringe and/or needle pairings may successfully withdraw 6 doses of Pfizer-BioNTech COVID-19 Vaccine, but not all combinations have been assessed or have a low dead volume that is small enough to allow extraction of a sixth dose.

The Centers for Disease Control and Prevention (CDC) is partnering with McKesson to provide ancillary kits containing needles and syringes for use with all COVID-19 vaccines. Please reach out to your state, local, or tribal health department and/or the CDC for more information. Pfizer makes no guarantee of the type or quality of the needles and syringes within the ancillary kits or the capability to withdraw 6 doses. For further information, please contact the manufacturer directly.

Find out more about the Pfizer-BioNTech COVID-19 Vaccine at

www.cvdvaccine-us.com

References: **1.** Jarrahian C, Rein-Weston A, Saxon G, et al. Vial usage, device dead space, vaccine wastage, and dose accuracy of intradermal delivery devices for inactivated poliovirus vaccine (IPV). *Vaccine*. 2017;35:1789-1796. **2.** Kesten JM, Ayres R, Neale J, et al. Acceptability of low dead space syringes and implications for their introduction: a qualitative study in the West of England. *Int J Drug Policy*. 2017;39:99-108.

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Available at: https://www.cvdvaccine-us.com/images/pdf/Low-Dead-Volume-Syringe-Brochure.pdf