

## Moderna Vaccine

### General Information:

<b>Moderna COVID-19 Vaccines</b>	Approved Age 18 and above
	2 (0.5ml) doses given 28 days apart
	10 dose vials; No Dilution Needed
	100 doses (10 vials) per Box

<b>Temperature Ranges for Storage</b>	Freezer Temperatures	-25 to -15C (-13 to +5F)
	Refrigerator Temperatures	2 to 8C (36 to 46F)
	Room Temperatures	15 to 25C (59 to 77F)

<b>Thaw Times</b>	Freezer to Refrigerator	2.5 Hours
	Freezer to Room Temperature	1 Hour
	Refrigerator to Room	15 Minutes

<b>Vaccine Expiration Dating (Good Until)</b>	Freezer	Manufacturers Expiration Date
	Refrigerator	30 Days
	Room Temperature (unpunctured)	12 Hours
	Punctured Vial	6 Hours (within the 12 hours; So, if already out for 8 hours at Room Temperature unpunctured, only good for 4 additional hours once punctured)

### NOTE:

- Do Not shake the vial; Gently Roll
- Vials cannot be transported once punctured
- Store Vials Upright
- You may get additional doses in your vial
  - You must report it to your site Nurse Manager so that it/they can be added to the inventory
  - You HAVE to get the full 0.5ml dose from the same vial; PARTIAL DOSES ARE NOT VIABLE



## Pfizer Vaccine

### General Information:

<b>Pfizer COVID-19 Vaccines</b>	<b>Approved Age 16 and above</b>	
	<b>2 (0.3ml) doses given intramuscularly, 21 days apart</b>	
	<b>6 dose vials; Dilution Needed</b>	
	<b>1170 doses (195 vials) per Tray</b>	

<b>Temperature Ranges for Storage</b>	<b>Freezer Temperatures</b>	<b>-80C to -60C (-112F to -76F)</b>
	<b>Refrigerator Temperatures</b>	<b>2C to 8C (35F to 46F)</b>
	<b>Room Temperatures</b>	<b>2C to 25C (35F to 77F)</b>

<b>Thaw Times</b>	<b>Freezer to Refrigerator</b>	<b>2-3 Hours</b>
	<b>Freezer to Room Temperature</b>	<b>30 Minutes Undiluted (could be longer, depending on amount thawing)</b>
	<b>Refrigerator to Room</b>	<b>30 Minutes Undiluted</b>

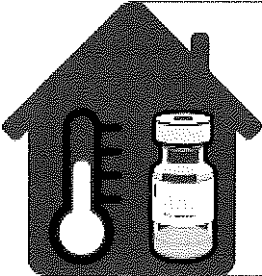
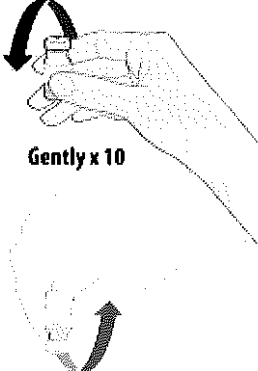
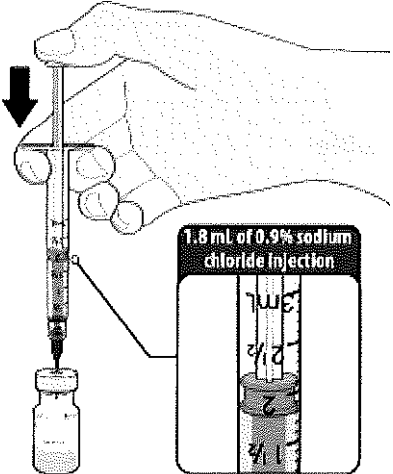
**\*\*\*\*\*Vials must reach room temperature before dilution and must be diluted within 2 hours\*\*\*\*\***

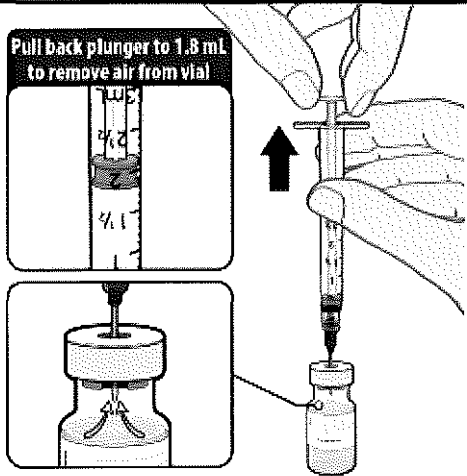
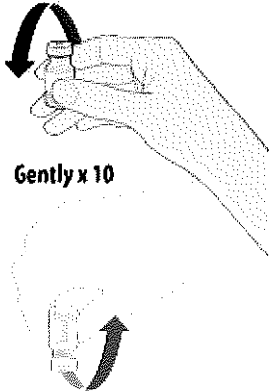
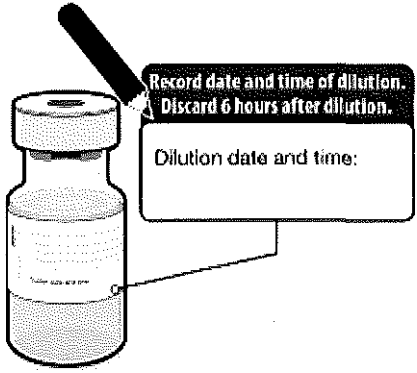
<b>Vaccine Expiration Dating (Good Until)</b>	<b>Freezer</b>	<b>Manufacturers Expiration Date</b>
	<b>Refrigerator</b>	<b>5 Days (120 Hours)</b>
	<b>Room Temperature (Unpunctured/Undiluted)</b>	<b>2 Hours</b>
	<b>Punctured Vial</b>	<b>Must be Diluted within the 2 Hours at Room Temperature, and is good for 6 Hours</b>

### NOTE:

- Keep vials out of natural sunlight as much as possible
- Store Vials Upright
- You may get additional doses in your vial
  - You must report it to your site Nurse Manager so that it/they can be added to the inventory
  - You HAVE to get the full 0.3ml dose from the same vial; PARTIAL DOSES ARE NOT VIABLE

## Vaccine preparation Process

THAWING PRIOR TO DILUTION	
 <p><b>No more than 2 hours at room temperature (up to 25 °C / 77 °F)</b></p>	<ul style="list-style-type: none"> <li>• Thaw vial(s) of Pfizer-BioNTech COVID-19 Vaccine before use either by:           <ul style="list-style-type: none"> <li>○ Allowing vial(s) to thaw in the refrigerator [2°C to 8°C (35°F to 46°F)]. A carton of vials may take up to 3 hours to thaw, and thawed vials can be stored in the refrigerator for up to five days (120 hours).</li> <li>○ Allowing vial(s) to sit at room temperature [up to 25°C (77°F)] for 30 minutes.</li> </ul> </li> <li>• Using either thawing method, vials must reach room temperature before dilution and must be diluted within 2 hours.</li> </ul>
 <p>Gently x 10</p>	<ul style="list-style-type: none"> <li>• Before dilution invert vaccine vial gently 10 times.</li> <li>• <u>Do not shake.</u></li> <li>• Inspect the liquid in the vial prior to dilution. The liquid is a white to off-white suspension and may contain white to off-white opaque amorphous particles.</li> <li>• Do not use if liquid is discolored or if other particles are observed.</li> </ul>
DILUTION	
 <p>1.8 mL of 0.9% sodium chloride injection</p>	<ul style="list-style-type: none"> <li>• Obtain sterile 0.9% Sodium Chloride Injection, USP. Use only this as the diluent.</li> <li>• Using aseptic technique, withdraw 1.8 mL of diluent into a transfer syringe (21-gauge or narrower needle).</li> <li>• Cleanse the vaccine vial stopper with a single-use antiseptic swab.</li> <li>• Add 1.8 mL of 0.9% Sodium Chloride Injection, USP into the vaccine vial.</li> </ul>

	<ul style="list-style-type: none"> <li>• Equalize vial pressure before removing the needle from the vial by withdrawing 1.8 mL air into the empty diluent syringe.</li> </ul>
	<ul style="list-style-type: none"> <li>• Gently invert the vial containing the Pfizer-BioNTech COVID-19 Vaccine 10 times to mix.</li> <li>• <u>Do not shake.</u></li> <li>• Inspect the vaccine in the vial.</li> <li>• The vaccine will be an off-white suspension. Do not use if vaccine is discolored or contains particulate matter.</li> </ul>
	<ul style="list-style-type: none"> <li>• Record the date and time of dilution on the Pfizer-BioNTech COVID-19 Vaccine vial label.</li> <li>• Store between 2°C to 25°C (35°F to 77°F).</li> <li>• Discard any unused vaccine 6 hours after dilution.</li> </ul>



**ULTRA-COLD DEEP FREEZER DOOR OPENING LOG: (Freezer Door can only be opened a maximum of 2 times a day)**

Site: \_\_\_\_\_ Month \_\_\_\_\_

Date	1	2	3	4	5	6	7
1 <sup>st</sup> Open Time and Initials of Opener							
2 <sup>nd</sup> Open Time and Initials of Opener							
Date	8	9	10	11	12	13	14
1 <sup>st</sup> Open Time and Initials of Opener							
2 <sup>nd</sup> Open Time and Initials of Opener							
Date	15	16	17	18	19	20	21
1 <sup>st</sup> Open Time and Initials of Opener							
2 <sup>nd</sup> Open Time and Initials of Opener							
Date	22	23	24	25	26	27	28
1 <sup>st</sup> Open Time and Initials of Opener							
2 <sup>nd</sup> Open Time and Initials of Opener							
Date	29	30	31				
1 <sup>st</sup> Open Time and Initials of Opener							
2 <sup>nd</sup> Open Time and Initials of Opener							





**Trailer** \_\_\_\_\_

**Pfizer-BioNTech COVID-19 Vaccine Tracking Form**

Vials # \_\_\_\_\_ Lot # \_\_\_\_\_

Time Removed from Fridge / Freezer (please circle which one): \_\_\_\_\_

Time Reconstituted: \_\_\_\_\_ Do not use after time: \_\_\_\_\_

Number of Extra Doses beyond 6 per vial:

Pfizer-BioNTech COVID-19 Vaccine Tracking Form

Vials # \_\_\_\_\_ Lot # \_\_\_\_\_

Time Removed from Fridge / Freezer (please circle which one): \_\_\_\_\_

Time Reconstituted: \_\_\_\_\_ Do not use after time: \_\_\_\_\_

Number of Extra Doses beyond 6 per vial:

Pfizer-BioNTech COVID-19 Vaccine Tracking Form

Vials # \_\_\_\_\_ Lot # \_\_\_\_\_

Time Removed from Fridge / Freezer (please circle which one): \_\_\_\_\_

Time Reconstituted: \_\_\_\_\_ Do not use after time: \_\_\_\_\_

Number of Extra Doses beyond 6 per vial:

Pfizer-BioNTech COVID-19 Vaccine Tracking Form

Vials # \_\_\_\_\_ Lot # \_\_\_\_\_

Time Removed from Fridge / Freezer (please circle which one): \_\_\_\_\_

Time Reconstituted: \_\_\_\_\_ Do not use after time: \_\_\_\_\_

Number of Extra Doses beyond 6 per vial:





