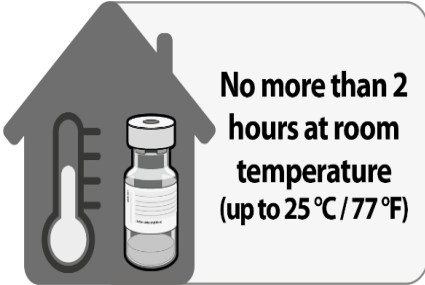
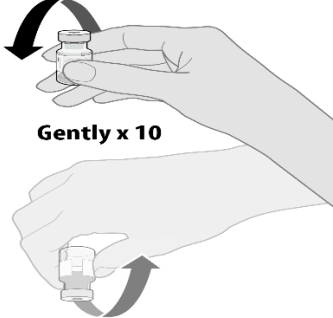
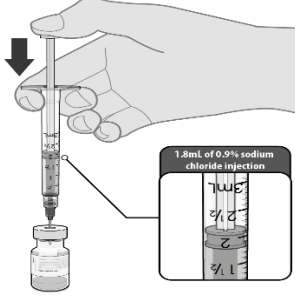
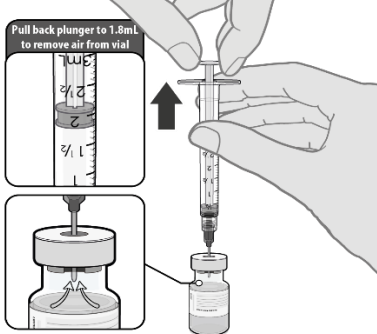
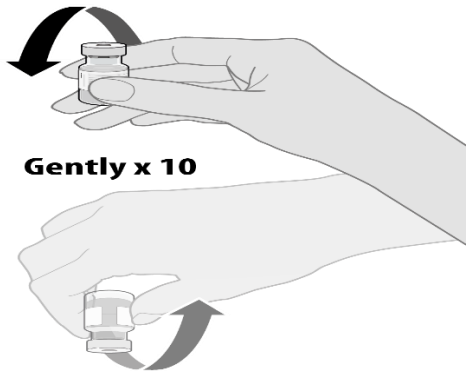
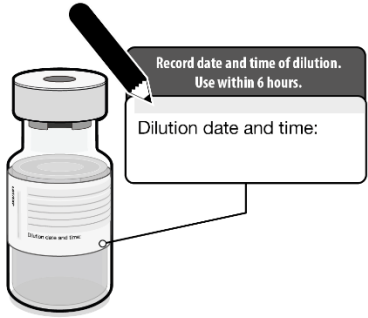
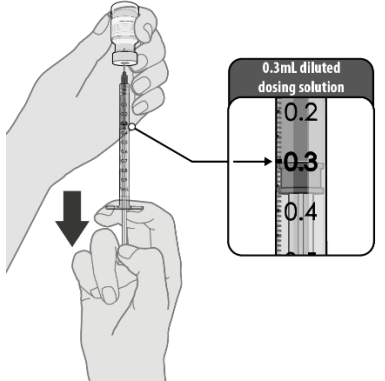


# Procedure for Preparation and Reconstitution of Pfizer's COVID-19 Vaccine

<p>Step 1:</p> 	<p><b>Thaw</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>Step 2:</p> 	<p><b>Invert</b></p> <ul style="list-style-type: none"> <li>• Before dilution invert vaccine vial gently 10 times</li> <li>• <b>Do not shake</b></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>
<p>Step 3:</p> 	<p><b>Dilute</b></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>
<p>Step 4:</p> 	<p><b>Equalize</b></p> <ul style="list-style-type: none"> <li>• Equalize vial pressure before removing the needle from the vial by withdrawing 1.8 mL of air into the empty diluent syringe</li> </ul>

# Procedure for Preparation and Reconstitution of Pfizer's COVID-19 Vaccine

<p>Step 5:</p>  <p><b>Gently x 10</b></p>	<p><b>Invert</b></p> <ul style="list-style-type: none"> <li>• Gently invert the vial containing the Pfizer-BioNTech COVID-19 Vaccine 10 times to mix</li> <li>• <b>Do not shake</b></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>
<p>Step 6:</p>  <p>Record date and time of dilution. Use within 6 hours.</p> <p>Dilution date and time:</p>	<p><b>Record and Store</b></p> <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>
 <p>0.3 mL diluted dosing solution</p> <p>0.2 0.3 0.4</p>	<p><b>Cleanse</b></p> <ul style="list-style-type: none"> <li>• Using aseptic technique, cleanse the vial stopper with a single-use antiseptic swab, and withdraw <b>0.3 mL</b> of the Pfizer-BioNTech COVID-19 Vaccine</li> <li>• Administer immediately</li> <li>• For each additional dose, use a new sterile syringe and needle and ensure the vial stopper is cleansed with antiseptic before each withdrawal. <b>Verify the final dosing volume of 0.3 mL.</b></li> </ul>

## Multiple Dose Vial

The Pfizer-BioNTech COVID-19 Vaccine Multiple Dose Vial, when diluted, contains 5 vaccine doses.

## Dosing and Schedule

The Pfizer-BioNTech COVID-19 Vaccination is administered intramuscularly as a series of 2 doses (0.3 mL each) 3 weeks apart.



# Procedure for Preparation and Reconstitution of Pfizer's COVID-19 Vaccine

## Dose Preparation

- The Pfizer-BioNTech COVID-19 Vaccine Multiple Dose Vial contains a frozen suspension that **does not contain preservative** and must be thawed and diluted prior to administration
- Vials may be thawed in the refrigerator or at room temperature [up to 25°C (77°F)]
- **Prior to dilution**, the thawed suspension may contain white to off-white opaque amorphous particles
- The contents of the vial must be diluted with 1.8 mL of sterile 0.9% Sodium Chloride Injection, USP to form the Pfizer-BioNTech COVID-19 Vaccine
- After dilution, the vial contains 5 doses of 0.3 mL
- 0.9% Sodium Chloride Injection, USP is not packaged with the vaccine and must be sourced separately. **Do not use bacteriostatic 0.9% Sodium Chloride Injection or any other diluent.** Please see the [Q&A](#) section for more information on dose preparation
- **After dilution**, the vaccine will be an off-white suspension. **Inspect vials to confirm there are no particulates and no discoloration is observed**
- **Strict adherence to aseptic techniques must be followed**

Source: <https://www.cvdvaccine-us.com/dosing-and-administration>