Pfizer-BioNTech COVID-19 Vaccines
Storage and Expiry

<table>
<thead>
<tr>
<th>Recipient Age</th>
<th>Ages: 6 months through 4 years</th>
<th>Ages: 5 through 11 years</th>
<th>Ages: 12 years and older</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Vaccine Type</strong></td>
<td>Monovalent Primary Series</td>
<td>Bivalent Primary Series</td>
<td>Monovalent Primary Series</td>
</tr>
<tr>
<td></td>
<td>Dilute Before Use</td>
<td>Dilute Before Use</td>
<td>Dilute Before Use</td>
</tr>
<tr>
<td><strong>Cap color</strong></td>
<td>Maroon Cap</td>
<td>Maroon Cap</td>
<td>Orange Cap</td>
</tr>
</tbody>
</table>

**General**
- Store vials upright in the tray or box protected from light.
- Vaccine expires 18 months after the *manufacture date* printed on the vial. Determine the expiration date by:

**Storing UNPUNCTURED Vials**
- **Ultra-Cold Freezer**
  Vaccine may be stored between -90°C to -60°C (-130°F to -76°F) until expiry.
- **Refrigerator**
  Vaccine may be refrigerated between 2°C and 8°C (36°F and 46°F) for up to 10 weeks. The 10-week refrigerated expiry date should be recorded on the carton at the time of transfer.
- **Cool/Room Temperature**
  Vaccine may be stored between 8°C to 25°C (46°F to 77°F) for up to 12 hours prior to first puncture. Discard any remaining vaccine after 12 hours.

**Storing PUNCTURED Vials**
- Vaccine may be stored between 2°C and 25°C (36°F and 77°F) for up to 12 hours. Discard vial and any remaining vaccine after 12 hours.
To Thaw

- Each vial must be thawed before dilution or administration (gray-cap vaccines where dilution is not required).
- Vaccine may be thawed in the refrigerator or at room temperature.
- Thawed vaccine cannot be refrozen.

*Cartons of Pfizer-BioNTech COVID-19 Vaccine multiple dose vials with orange or maroon caps and labels (ie. Pediatric formulations) may also arrive at refrigerator temperature 2°C to 8°C. If received at 2°C to 8°C, they should be stored at 2°C to 8°C. Check that the carton has been updated to reflect the 10-week refrigerated expiry date.

Room Temperature [Up to 25°C (77°F)]:
If not previously thawed at 2°C to 8°C (35°F to 46°F), allow vial(s) to thaw at room temperature for **30 minutes**.

Refrigeration [Between 2°C and 8°C (36°F and 46°F)]:

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</tr>
</thead>
<tbody>
<tr>
<td><strong>2 hours</strong> to thaw at refrigerator temperature</td>
<td><strong>4 hours</strong> to thaw at refrigerator temperature</td>
<td><strong>6 hours</strong> to thaw at refrigerator temperature</td>
</tr>
<tr>
<td><strong>2 hours</strong> to thaw at refrigerator temperature (for single-dose vials)</td>
<td><strong>6 hours</strong> to thaw at (for multiple-dose vials)</td>
<td></td>
</tr>
</tbody>
</table>

A carton of **10 vials may take up to:**

**Resources**

- Fact Sheet for Health Care Providers Administering Vaccine (6 months – 4 years), Primary Series
- Fact Sheet for Health Care Providers Administering Vaccine (5 – 11 years), Primary Series (Monovalent)
- Fact Sheet for Health Care Providers Administering Vaccine (5-11 years), Booster (Bivalent)
- Fact Sheet for Health Care Providers Administering Vaccine (12 years and up), Primary Series (Monovalent)
- Fact Sheet for Health Care Providers Administering Vaccine (12 years and up), Booster (Bivalent)