### Pfizer-BioNTech COVID-19 Vaccine Products At-A-Glance

Maroon cap: 6 Months through 4 Years of Age
Orange cap: 5 through 11 years of age
Gray or Purple cap: 12 years of age and older

The tables below summarize basic storage, preparation, scheduling, administration, and dosage for Pfizer-BioNTech COVID-19 Vaccine. Use this table in conjunction with materials below:

<table>
<thead>
<tr>
<th>EUA Fact Sheet</th>
<th>CDC Interim Clinical Considerations</th>
<th>CDC Clinical Materials</th>
<th>Interim COVID-19 Vaccination Schedule</th>
</tr>
</thead>
</table>

### Storage and Handling Basics

**NOTE:** Find additional guidance on storing the vaccine properly at:
- CDC’s Storage and Handling Toolkit: [www.cdc.gov/vaccines/hcp/admin/storage/toolkit/index.html](https://www.cdc.gov/vaccines/hcp/admin/storage/toolkit/index.html)

#### Vial cap color

<table>
<thead>
<tr>
<th>Ages</th>
<th>Maroon Cap</th>
<th>Orange Cap</th>
<th>Gray Cap</th>
<th>Purple Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 months through 4 years</td>
<td>10 doses per vial Requires diluent</td>
<td>10 doses per vial Requires diluent</td>
<td>6 doses per vial <strong>No diluent</strong></td>
<td>6 doses per vial Requires diluent</td>
</tr>
<tr>
<td>5 through 11 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 years and older</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Storage Temperature: Before Puncture

- **Between:** -90°C and -60°C (-130°F and -76°F) until the expiration date*
- **2°C and 8°C (36°F and 46°F)** for up to 10 weeks
- **Do NOT store vaccine in a standard freezer.**

#### Thawing Frozen Vaccine

- **Do NOT refreeze thawed vaccine.**
- **Between:** 2°C and 8°C (36°F and 46°F). Amount of time needed varies based on temperature and number of vials.
- OR
- Up to 25°C (77°F) for 30 minutes

#### Storage Temperature: After Puncture

- **Between:** 2°C and 25°C (36°F and 77°F) for up to 12 hours.
- Discard vial and any unused vaccine after 12 hours.

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* Vaccine expires 12 months after the manufacture date on the vial.
† Purple cap vaccine should not be used past the 12-month expiration. For vials with expiration dates of October 2021 through March 2022, the printed date on the label/carton reflects 6-month expiry. For vials with expiration dates of June 2022 through December 2022, the printed date on the label/carton reflects 9-month expiration date. The vaccine should not be used past the 12-month expiration date as noted in the HCP Fact Sheet.
**Preparation and Administration Basics**

**NOTE:** Find additional guidance on properly preparing and administering the vaccine at:
- CDC’s Vaccine administration library: [www.cdc.gov/vaccines/hcp/admin/resource-library.html](http://www.cdc.gov/vaccines/hcp/admin/resource-library.html)

### Preparation

<table>
<thead>
<tr>
<th>Vial cap color</th>
<th>Maroon Cap</th>
<th>Orange Cap</th>
<th>Gray Cap</th>
<th>Purple Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ages</td>
<td>6 months through 4 years</td>
<td>5 through 11 years</td>
<td>12 years and older</td>
<td></td>
</tr>
<tr>
<td>Diluent*</td>
<td>2.2 mL per vial</td>
<td>1.3 mL per vial</td>
<td>No diluent</td>
<td>1.8 mL per vial</td>
</tr>
<tr>
<td>Beyond-use date/time</td>
<td>Use within 12 hours after mixing.</td>
<td>Use within 12 hours after mixing.</td>
<td>Use within 12 hours after first puncture.</td>
<td>Use within 6 hours after mixing.</td>
</tr>
</tbody>
</table>

* Diluent: Use sterile 0.9% sodium chloride (normal saline, preservative-free) included in the ancillary supply kit. Do not use bacteriostatic 0.9% sodium chloride or any other diluent.

### Administration

<table>
<thead>
<tr>
<th>Recipient’s Age</th>
<th>Use</th>
<th>Administer</th>
<th>Route</th>
<th>Needle gauge and length</th>
<th>Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 months through 4 years</td>
<td>Maroon cap and maroon bordered label</td>
<td>0.2 mL</td>
<td>IM injection</td>
<td>22–25 gauge, 1”</td>
<td>6 months – 2 years of age: Vastus lateralis muscle in the anterolateral thigh†</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3 years and older: Deltoid muscle in the upper arm‡</td>
</tr>
<tr>
<td>5 – 11 years</td>
<td>Orange cap and orange bordered label</td>
<td>0.2 mL</td>
<td>IM injection</td>
<td>22–25 gauge, 1”</td>
<td>Deltoid muscle in the upper arm‡</td>
</tr>
<tr>
<td>12 years of age and older</td>
<td>Gray cap and gray bordered label</td>
<td>0.3 mL</td>
<td>IM injection</td>
<td>22–25 gauge, 1 – 1½”</td>
<td>Deltoid muscle in the upper arm‡</td>
</tr>
<tr>
<td></td>
<td>Purple cap and purple bordered label</td>
<td>0.3 mL</td>
<td>IM injection</td>
<td>22–25 gauge, 1 – 1½”</td>
<td>Deltoid muscle in the upper arm‡</td>
</tr>
</tbody>
</table>

† The deltoid muscle in the upper arm may be used if the muscle mass is adequate.
‡ Vastus lateralis muscle in the anterolateral thigh may be used.
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Scheduling Doses

**NOTE:** Schedules below outline the number of doses of Pfizer-BioNTech COVID-19 vaccine based on age and immune status. For detailed clinical guidance on scheduling doses:

### For Most Persons

**Pfizer-BioNTech**
- **(ages 6 months–4 years)**
  - **DOSE 1** (primary) In 3-8 weeks
  - **DOSE 2** (primary) In at least 8 weeks
  - **DOSE 3** (primary)

- **Pfizer-BioNTech**
  - **(ages 5 years and older)**
  - **DOSE 1** (primary) In 3-8 weeks
  - **DOSE 2** (primary) In at least 5 months
  - **DOSE 3** (booster*) In at least 4 months
  - **DOSE 4** (2nd mRNA booster*) People ages 50 years and older should get a 2nd booster.

### For Moderately or Severely Immunocompromised Persons

**Pfizer-BioNTech**
- **(ages 6 months–4 years)**
  - **DOSE 1** (primary) In 3 weeks
  - **DOSE 2** (primary) In at least 8 weeks
  - **DOSE 3** (primary)

- **Pfizer-BioNTech**
  - **(ages 5–11 years)**
  - **DOSE 1** (primary) In 3 weeks
  - **DOSE 2** (primary) In at least 4 weeks
  - **DOSE 3** (primary)
  - **DOSE 4** (booster)

- **Pfizer-BioNTech**
  - **(ages 12 years and older)**
  - **DOSE 1** (primary) In 3 weeks
  - **DOSE 2** (primary) In at least 4 weeks
  - **DOSE 3** (primary)
  - **DOSE 4** (booster*) In at least 4 months
  - **DOSE 5** (2nd mRNA booster*)

*Age-appropriate mRNA COVID-19 vaccines are preferred over Janssen COVID-19 Vaccine for primary and booster vaccination. Janssen COVID-19 Vaccine should only be used in limited situations. See: [www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us.html#considerations-janssen](http://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us.html#considerations-janssen).

† 2nd booster dose for some groups.