

# Pfizer-BioNTech COVID-19 Vaccine

## Storage and Handling Summary



### Ages: 6 months through 4 years

(Maroon capped vial and bordered label)



**MONOVALENT  
Primary Series**  
(Dose 1 & 2)



**BIVALENT  
Primary Series**  
(Dose 3)

### Ages: 5 through 11 years

(Orange capped vial and bordered label)



**MONOVALENT  
Primary Series**



**BIVALENT  
Booster Dose**

### Ages: 12 and older

(Gray capped vial and bordered label)



**MONOVALENT  
Primary Series**



**BIVALENT  
Booster Dose**  
Single-dose and  
Multidose Vials

## General Information

Refer to [CDC's Vaccine Storage and Handling Toolkit](#) for best practices for vaccine storage and handling

1. Use purpose-built or pharmaceutical-grade units designed to either refrigerate or freeze.
2. Every vaccine storage unit must have a digital data logger temperature monitoring device.
3. Ensure vaccine is stored at the appropriate temperature.
4. Monitor and record storage unit temperatures following one of these options. Save storage unit records for 3 years, unless your jurisdiction requires a longer time period.

## Delivery

Vaccine will arrive from the manufacturer. Unpack immediately, following the [manufacturer's guidance](#). The vaccine may be stored in an ultra-cold freezer or refrigerator. Guidance follows.

- Diluent, if needed, that will arrive separately, not with the vaccine.

## Storing UNPUNCTURED Vials

### Ultra-Cold Freezer

Vaccine may be stored between -90°C and -60°C (-130°F and -76°F) until the expiration date

- Store vials upright in the tray or box protected from light

### Refrigerator

Vaccine may be stored between 2°C and 8°C (36°F and 46°F) for up to 10 weeks.

- Do NOT refreeze thawed vaccine
- Store vials upright in the tray or box protected from light
- Use [tracking labels](#) to monitor the 10-week beyond-use date

## Storing PUNCTURED vials

Vaccine may be stored between 2°C and 25°C (36°F and 77°F) for up to 12 hours

### Option 1 (preferred)

Most digital data loggers display the minimum/maximum (min/max) temperature. Check and record the min/max temperature at the start of each workday.

### Option 2

If the digital data logger does not display the min/max temperature, check and record the temperature at the start and end of each workday.

**The manufacturer date and NOT the expiration date is printed on the vials.**

Use Pfizer-BioNTech's expiration date tool at [lotexpiry.cvdvaccine.com](https://lotexpiry.cvdvaccine.com) to determine the vaccine's expiration date.

## 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.

- Do NOT refreeze thawed vaccine
- Store vials upright in the tray or box protected from light
- Track this 12-hour beyond-use time.

- Discard vial and any remaining vaccine after 12 hours