

Moderna COVID-19 Vaccine

Storage and Handling Summary



Ages: 6 months through 5 years
MONOVALENT
(blue capped vial with magenta-bordered label)



Ages: 6 months through 5 years
BIVALENT
(pink capped vial with yellow-bordered label)



Ages: 6 through 11 years
MONOVALENT
(blue capped vial with purple-bordered label)



Ages: 12 years and older
MONOVALENT
(red capped vial with blue-bordered label)



Ages: 6 years and older
BIVALENT
(blue capped vial with gray-bordered label)

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.

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.

Delivery

Vaccine will arrive frozen from the manufacturer between -50°C and -15°C (-58°F and 5°F). Unpack, following the [manufacturer's guidance](#), immediately. The vaccine may be stored in a freezer or refrigerator. Guidance follows.

Storing UNPUNCTURED Vials

Freezer

Vaccine may be stored between -50°C and -15°C (-58°F and 5°F) until the expiration date.

- Store vials upright in the tray or box protected from light
- Do not store with dry ice or below -50°C (-58°F)
- Determine the expiration date by scanning the QR code on the outer carton or go to modernacovid19global.com/vial-lookup

Refrigerator

Vaccine may be stored between 2°C and 8°C (36°F and 46°F) for up to 30 days.

- Do NOT refreeze thawed vaccine
- Store vials upright in the tray or box, protected from light
- Use [tracking labels](#) to monitor the 30-day beyond-use date

Storing PUNCTURED vials

Store vaccine between 2°C and 25°C (36°F and 77°F) for up to:

- **8 hours** - Bivalent vaccine for ages 6 months through 5 years (pink capped vial with yellow-bordered label)
- **12 hours** - All other Moderna COVID-19 products

Cool/Room Temperature

Vaccine may be stored between 8°C to 25°C (46°F to 77°F) for a total of 24 hours.

- Do NOT refreeze thawed vaccine
- Store vials upright in the tray or box, protected from light
- Track this 24-hour beyond-use time

- Discard vial and any remaining vaccine after 12 hours (8 hours for Bivalent Pink capped yellow-bordered vial)
- Thawed vials can be handled in room light conditions
- Total storage at 8°C to 25°C (46°F to 77°F) must not exceed 24 hours