

# Moderna COVID-19 Vaccine Products

## Storage and Handling Summary



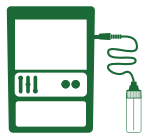
Information applies to Moderna COVID-19 vaccine products including those for persons ages :

- 6 months through 5 years (blue capped vial with magenta-bordered label)
- 6 years through 11 years of age (blue capped vial with purple-bordered label)
- 12 years of age and older (red capped vial with blue-bordered label)

### Basics



- Store vaccine in a purpose-built refrigerator or freezer.



- Use a digital data logger to monitor temperature of the storage unit.



- Check and record storage unit temperatures daily.

### Deliveries

The vaccine will arrive frozen between -50°C and -15°C (-58°F and 5°F).

Unpack vaccine immediately upon arrival at the clinic.

- Check the cold chain monitor (CCM), a device used to monitor vaccine temperatures during transport (if one was included) for any indication of a temperature excursion during transit.

Check the expiration date by scanning the QR code on the outer carton or go to [www.modernatx.com/covid19vaccine-eua/](http://www.modernatx.com/covid19vaccine-eua/)

Ancillary supplies including needles, syringes, vaccination record

### Storing Vaccine

#### Freezer storage between -50°C and -15°C (-58°F and 5°F) until the expiration date.

- Unpunctured, frozen vaccine vials may be stored in the freezer.
  - **Do NOT** refreeze thawed vaccine
- Store in the original carton.
- Protect from light.
- Do not store with dry ice or below -50°C (-58°F).

#### Refrigerator storage between 2°C to 8°C (36°F to 46°F) for up to 30 days.\*

- Monitor how long the vaccine has been in the refrigerator using CDC's beyond-use date (BUD) labels.
  - **Do NOT** use vaccine after the 30-day BUD
- Complete the information on the beyond-use date label when removing vaccine from the freezer.
- Attach the label to the box holding the vaccine vials.
  - Check the BUD before administering vaccine. Do NOT use vaccine after the 30-day BUD.
  - Thawed vaccine can be handled in room light.

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

6 Months Through 5 Years of Age  
**Moderna COVID-19 Vaccine**

Store vaccine between 2°C and 8°C (36°F and 46°F) for up to 30 days.

Lot number(s): 123456A

Today's date: 06 / 01 / 2022 **USE BY\*** Date:    /    /   

\*After this date/time, do NOT use. Contact the manufacturer for guidance. If directed to discard the vaccine, follow the manufacturer's and your jurisdiction's guidance on proper disposal. 07 01 2022

Vaccine may be transported for 12 cumulative hours.

Transport date	6/5/22		
Time in transport:	2 hrs		
Time remaining:	10 hrs		

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[www.cdc.gov/vaccines/covid-19/info-by-product/moderna/storage.html](http://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/storage.html)

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### Temperature Monitoring

Storage unit temperatures must be monitored regularly and checked and recorded at the beginning of each workday to determine if any excursions have occurred since the last temperature check. For accurate temperature monitoring, use a digital data logger (DDL) with a detachable probe that best reflects vaccine temperatures (e.g., probe buffered with glycol, glass beads, sand, or Teflon®). Check and record the temperature daily using a temperature log and one of the options below:

■ **Option 1: Minimum/Maximum Temperatures (preferred)**

Most DDLs display minimum and maximum (min/max) temperatures. Check and record the min/max temperatures at the start of each workday.

■ **Option 2: Current Temperature**

If the DDL does not display min/max temperatures, check and record the current temperature at the start and end of the workday. Review the continuous DDL temperature data daily.

For CDC temperatures logs, see [www.cdc.gov/vaccines/covid-19/info-by-product/moderna/index.html](http://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/index.html).

### Disposal

Once vaccine has reached its expiration or beyond-use date, contact the manufacturer for guidance on whether it can still be used. Vials that have been punctured 20 times should always be discarded. If instructed to dispose of vaccine, dispose of the vial (with any remaining vaccine) and packaging as medical waste according to your local and state regulations. Contact your jurisdiction's immunization program for guidance ([www.cdc.gov/vaccines/imz-managers/awardee-imz-websites.html](http://www.cdc.gov/vaccines/imz-managers/awardee-imz-websites.html)).

For additional information, refer to the manufacturer's product information at [www.modernatx.com/covid19vaccine-eua/](http://www.modernatx.com/covid19vaccine-eua/).

CDC's Moderna COVID-19 materials [www.cdc.gov/vaccines/covid-19/info-by-product/moderna](http://www.cdc.gov/vaccines/covid-19/info-by-product/moderna)

CDC's Vaccine Storage and Handling Toolkit [www.cdc.gov/vaccines/hcp/admin/storage/toolkit/storage-handling-toolkit.pdf](http://www.cdc.gov/vaccines/hcp/admin/storage/toolkit/storage-handling-toolkit.pdf)

CDC's Moderna Beyond-Use Date (BUD) label [www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/bud-tracking-labels.pdf](http://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/bud-tracking-labels.pdf)

Moderna COVID-19 Vaccine Transporting Vaccine for Vaccination Clinics Held at Satellite, Temporary, or Off-Site Locations [www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/Moderna-Vaccine-Transport.pdf](http://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/Moderna-Vaccine-Transport.pdf)