

Moderna COVID-19 Vaccine

Transporting Vaccine for Vaccination Clinics Held at Satellite, Temporary, or Off-Site Locations





Transporting Vaccine

When packing and transporting vaccine, follow storage and handing best practices in <u>CDC's Vaccine Storage and Handling Toolkit</u>.

All Moderna COVID-19 Vaccine products can be transported at frozen or refrigerated temperatures.

Transport vaccine using a portable freezer, refrigerator, or a container qualified to maintain appropriate temperatures.

Each container should have a temperature monitoring device. Use a digital data logger that displays minimum and maximum (min/max) temperatures.

Use a Transport Temperature Log to record min/max temperature:

- At the start of transport
- Whenever the storage container is opened
- At the end of transport

Time used for transport and at the clinic site counts as part of any beyond-use timeframes (see table).

Place transport container with vaccine in the passenger compartment of the vehicle only (never in the trunk).

At the Clinic Site

Place vaccine in an on-site storage unit that maintains appropriate temperatures, if available.

If no storage unit is available, keep the vaccine in the transport container to maintain the appropriate temperatures.

Ensure there is an adequate number of:

- Storage containers to maintain proper storage temperature for vaccine in the preparation area and vaccine administration stations.
- Administration supplies needles, syringes, etc. for the number of recipients.

Only transport/prepare the amount of vaccine needed. Ensure vaccine that is prepared first is administered first.

Best practices for transporting mRNA vaccines

- Transport vials in the tray/carton whenever possible.
- Protect vials as much as possible from drops, shocks, and vibration.
 - Secure storage containers during transport.
- Protect from light. Avoid exposure to direct sunlight and ultraviolet light.
- If individual vials must be transported:
 - Place vials with padding materials like bubble wrap or similar materials to prevent breaking.
 - Keep vaccine vials upright whenever possible.
- Label the container, vials, and/or predrawn syringes appropriately including beyond-use date/time.
- CDC recommends transporting vaccine in vials.
- If the only option is to transport vaccine in a predrawn syringe, see additional guidance*

Resources

CDC's Vaccine Storage and Handling Toolkit

Moderna COVID-19 Vaccine clinical materials

Moderna Manufacturer Information

<u>USP COVID-19 Vaccine Toolkit: Operational Considerations for Healthcare Practitioners</u>

05/02/2023 CS3215714

^{*} See guidance for labeling predrawn syringes in U.S. Pharmacopeia COVID-19 Vaccine Handling Toolkit (usp.org)



Moderna COVID-19 Vaccine

Transporting Vaccine for Vaccination Clinics Held at Satellite, Temporary, or Off-Site Locations





Summary Table

Information included in the table applies to all Moderna COVID-19 vaccine products.

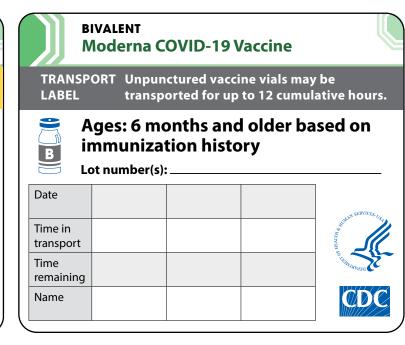
	Temperature	Applicable Beyond-Use Date/Time			
Transport Equipment	Range	Unpunctured vials	Punctured vials	Additional Considerations	
 Portable freezer or qualified container/ packout Digital data logger (DDL) with a probe designed to measure ultracold temperatures Transport temperature log 	Between: -50°C and -15°C (-58°F and 5°F)	Up to 12 consecutive hours for transport	DO NOT store or transport at these temperatures	Protect from light	
 Portable refrigerator or qualified container/ packout Digital data logger (DDL) with a probe capable of measuring frozen temperatures Transport temperature log 	Between: 2°C and 8°C (36°F and 46°F) for up to 30 days	 30 days at refrigerated storage temperatures Up to 12 consecutive hours for transport 	CDC does not recommend transporting punctured vials or predrawn syringes [†]	Protect from light. Anytime used for transport counts against the 30-day storage and 12-hour consecutive transport beyond-use date/time	
 Qualified container/ packout Digital data logger (DDL) with a probe capable of measuring frozen temperatures Transport temperature log 	Between: 8°C and 25°C (46°F and 77°F)	Up to: 24 hours at these temperatures 12 consecutive hours for transport		Anytime used for transport counts against the 24-hour storage and 12-hour consecutive transport beyonduse date/time for unpunctured vials	

[†] CDC recommends transporting vaccine in unpunctured vials. However, there may be instances when the only option is to transport vaccine in a punctured vial or a predrawn syringe. Punctured vials must be used within 12 hours except bivalent vaccine for ages 6 months through 5 years (pink capped vial with yellow-bordered labels). Punctured vials of bivalent vaccine for ages 6 months through 5 years must be used within 8 hours. See guidance for transporting punctured vials or predrawn syringes in U.S. Pharmacopeia COVID-19 Vaccine Handling Toolkit (usp.org)

05/02/2023 CS3215714

TRANSPORT LABELS Moderna COVID-19 Vaccine

BIVALENT Moderna COVID-19 Vaccine								
TRANSPORT Unpunctured vaccine vials may be LABEL transported for up to 12 cumulative h								
Ages: 6 months through 5 years based on immunization history Lot number(s):								
Date					S SERVICES ()			
Time in transport					THE SERVICES OF STREET			
Time remaining					DEPARTMENT			
Name					CDC			



05/02/2023 CS321571-I