

Moderna mRNA-1273 COVID-19 Vaccine Pocket Guide for Providers




December 2020

MODERNA SHIPMENT

Where do the materials come from?

	Source
Vaccine Frozen Multidose Vials	McKesson
Ancillary Kit For Administering	McKesson

 Sites will need to provide their own temperature monitoring device to monitor storage temperatures.

Upon Arrival of the Vaccine

- Arrives frozen at -25°C to -15°C (-13°F to -5°F)
- 10 vials in each carton (100 doses)
- Full case contains 12 cartons (1,200 doses)
- Vaccine carton dimensions are 5.5" x 2.2" x 2.5"

Upon arrival, inspect the shipment immediately for signs of damage.



Check the TagAlert temperature monitoring device by pressing the blue Start/Stop button.



If the left arrow points to a green checkmark, the vaccine is ready to use.

If the right arrow points to a red X, store vaccine at proper temperature and label DO NOT USE.



Transfer the vaccine cartons to the freezer or fridge for storage.

Call the manufacturer phone number listed on the back immediately.

MODERNA SHIPMENT

MODERNA STORAGE & HANDLING

1. Freezer

- Store as frozen liquid at -25°C to -15°C (-13°F to 5°F) for up to 6 months.
- Do not store on dry ice or below -40°C (-40°F).



Protect the vaccine from exposure to light by storing vials in the original carton.

2. Refrigerator

- Store vials at 2°C to 8°C (36°F to 46°F) up to 30 days.
- Do not refreeze thawed vials.
- Store punctured vials at 2°C to 25°C (36°F to 77°F) for a maximum of 6 hours.
- Discard any punctured vials after 6 hours. Dispose of any vials with unused vaccine as medical waste.

3. Room Temperature

- Store at room temperature 15°C to 25°C (59°F to 77°F) for up to 12 hours.
- Do not refreeze thawed vials.

Temperature Monitoring Guidelines

Option 1: Check and record the min/max temperatures of the storage units each day using a temperature monitoring device.

Option 2: If your temperature monitoring device does not automatically record min/max temperatures, record the temperature at the start and end of each workday.

MODERNA STORAGE & HANDLING

MODERNA VACCINE PREPARATION

Remove the number of vials needed as quickly as possible and return carton to frozen or fridge storage.

There are **two options** for thawing vials:

Option 1


1. Transfer frozen vials to refrigerator and thaw 2.5 hours at 2°C to 8°C (36°F to 46°F); then thaw for an additional 15 minutes at room temperature.
2. Vials may be stored in the refrigerator for up to 30 days at 2°C to 8°C (36°F to 46°F).

Option 2

1. Thaw at room temperature 15°C to 25°C (59°F to 77°F) for 1 hour if using immediately.
2. Vials may be held at room temperature for no more than 12 hours.

Please prepare the following supplies needed **per 1 vial Moderna COVID- 19 Vaccine** (10 100mcg/0.5mL doses/vial):

- 10 dosing syringes/needles (1mL syringe/ IM injection needle)
- Alcohol swabs, gloves, appropriate PPE as needed

 **Note:** Before drawing up the dose, screen the patient and provide the EUA.

MODERNA VACCINE PREPARATION

MODERNA VACCINE ADMINISTRATION

Before Administration

- Visually inspect each dose in the dosing syringe prior to administration. The vaccine will be an off-white suspension and may contain white or translucent particles. Do not administer if the vaccine is discolored.
- Verify the final dosing volume of 0.5mL.
- Swirl the vaccine vial gently between doses. Do not shake.

Image source: Intramuscular Injection Sites. Healthline. Medically reviewed by Deborah Weatherspoon, Ph.D., R.N., CRNA. Written by Jacquelyn Cafasso. Updated on March 7, 2019. Retrieved from <https://www.healthline.com/health/intramuscular-injection>

During Administration

- Administer a single 100 mcg/0.5mL dose at first visit.
- Use appropriate gauge needle for body type (23-25 gauge).
- Administer intramuscularly in the deltoid muscle.



After Administration

- Discard all used materials in appropriate medical waste receptacles/sharps containers.
- Provide COVID-19 vaccine record card to patient noting, the date and time for second dose.
- Monitor patient for 15 minutes and report any adverse reaction on VAERS.
- Give the second 100mcg/0.5mL dose 28 days after the first dose.



The second dose must be Moderna COVID-19 Vaccine; it is not interchangeable with other COVID-19 vaccines.

MODERNA VACCINE ADMINISTRATION

Vaccinator Training:

LMS:Invest at <https://chirp.in.gov> or www.in.gov/isdh/17094.htm

Vaccinator Questions:

<https://eportal.isdh.in.gov/C19VaxHelpDeskCustomer>

Manufacturer Questions:

Contact Moderna at 1-866-663-3762

Moderna COVID-19 Vaccine Website:

<https://www.modernatx.com/covid19vaccine-eua/>



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