

# Moderna COVID-19 Vaccine

## Storage and Handling Summary



### » Basics

- Store vaccine in a freezer or refrigerator. See guidance below for each storage unit.
- Each box contains 10 multidose vials (100 doses).
- Use vaccine vials stored in the refrigerator before removing vials from frozen storage.
- This vaccine does not need to be mixed with a diluent before administration.
- Check and record storage unit temperature each workday. See guidance below for each type of temperature monitoring device. Save storage records for 3 years, unless your jurisdiction requires a longer time period.

### » Deliveries

#### Vaccine

1. The vaccine will arrive frozen between  $-25^{\circ}\text{C}$  and  $-15^{\circ}\text{C}$  ( $-13^{\circ}\text{F}$  and  $5^{\circ}\text{F}$ ).
2. Examine the shipment for signs of damage.
3. Open the box and remove TagAlert Temperature Monitor from box (placed in the inner box next to vaccine).
4. Check the TagAlert temperature monitoring device by pressing the blue "start and stop" button.
  - Left arrow points to a **green checkmark**: The vaccine is ready to use. Store the vaccine at proper temperatures immediately.
  - Right arrow points to a **red X**: The numbers 1 and/or 2 will appear in the display. Store the vaccine at proper temperatures and label **DO NOT USE!** Call the phone number indicated in the instructions or your jurisdiction's immunization program **IMMEDIATELY!**

#### Ancillary Supply Kit

An ancillary supply kit will be provided for administering the vaccine and includes enough supplies to administer 100 doses of vaccine.

Administration supplies include needles, syringes, sterile alcohol prep pads, vaccination record cards (shot cards), and some PPE.

The kit is delivered separately from the vaccine. Unpack the kit and check for receipt of the correct administration supplies and quantities.

**MCKESSON**

**-20° C Vaccine Inside**

**ALERT: Do not Place on Dry Ice**

**INSTRUCTIONS**

**Receiver Instructions**

1. Remove TagAlert Temperature Monitor from Box (placed in inner box next to vaccine)
2. Follow Receiver Instructions on the card:
  - Press and hold the Start & Stop button until the Stop icon appears
  - Read Indicator Status to determine if the appropriate temperature was maintained during transit.

**Vaccine should be placed in appropriate storage as soon as possible upon receipt.**

### » Freezer

Vaccine may be stored in a freezer between  $-25^{\circ}\text{C}$  and  $-15^{\circ}\text{C}$  ( $-13^{\circ}\text{F}$  and  $5^{\circ}\text{F}$ ).

**Note:** These temperatures are within the appropriate range for routinely recommended vaccines BUT the temperature range for this vaccine is tighter.

- If storing the vaccine in a freezer with routinely recommended vaccines, carefully adjust the freezer temperature to the correct temperature range for this vaccine.

Store in the original carton and protect from light. | Do not use dry ice for storage.

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### » Refrigerator

- Vaccine vials may be stored in the refrigerator between 2°C and 8°C (36°F and 46°F) for up to 30 days before vials are punctured. After 30 days, remove any remaining vials from the refrigerator and discard following manufacturer and jurisdiction guidance on proper disposal.
- Thawed vaccine cannot be refrozen.
- Use beyond-use date labels to track how long the vaccine has been in the refrigerator. Monitor the beyond-use date/time.
  - Remove the box from frozen storage.
  - Complete the information on the storage label and attach it to the box holding the vaccine vials.
  - Once labeled, store vaccine in the refrigerator.

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

Lot number(s): 123456A

Today's date: 4 / 01 / 2021

#### USE BY\*

Date: 5 / 01 / 2021

\*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.

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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 <https://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/index.html>.

For additional information, refer to the manufacturer's product information at <https://www.modernatx.com/covid19vaccine-eua/>.