






## Storage and Handling Quick Reference for Manitoba’s COVID-19 Vaccines

**Note:** Day “1” is the day-to-fridge. Day “2” is the following day.

COVID-19 Vaccine Product	Ultra Low Freezer Storage Time (-90°C to -60°C) ‡	Freezer Storage Time (-50°C to -15°C)	Refrigerated Storage Time Before Dilution or Puncture (+2°C to +8°C) ^	Room Temperature Time Before Dilution or Puncture (+8°C to +25°C)	After Dilution or Puncture Time (+2°C to +25°C)
<b>MODERNA</b>					
<b>Moderna XBB.1.5 (Spikevax™)</b>  Royal blue cap & coral blue label	Do not store at this temperature	Until expiry date on vial or identified extended expiry date. Stored in the original carton to protect from light	30 days	24 hours DO NOT DILUTE	Must be used within 24 hours after first puncture
<b>PFIZER</b>					
<b>Pfizer Infant XBB.1.5 (Comirnaty™)</b>  Maroon cap & label	18 months from the date of manufacture	Do not store at this temperature	10 weeks within the 18-month shelf life. Document 10-week expiry on carton.	12 hours prior to dilution	Must be used within 12 hours after dilution
<b>Pfizer Pediatric XBB.1.5 (Comirnaty™)</b>  Blue cap & label	18 months from the date of manufacture	Do not store at this temperature	10 weeks within the 18-month shelf life. Document 10-week expiry on carton.	12 hours prior to puncture. DO NOT DILUTE	Must be used within 12 hours after puncture. DO NOT DILUTE
<b>Pfizer XBB.1.5 (Comirnaty™)</b>  Grey cap & label	18 months from the date of manufacture	Do not store at this temperature	10 weeks within the 18-month shelf life. Document 10-week expiry on carton.	12 hours prior to puncture. DO NOT DILUTE	Must be used within 12 hours after puncture. DO NOT DILUTE
<b>NOVAVAX</b>					
<b>Novavax XBB.1.5 (Nuvaxovid™)</b>  Blue cap & white label	Do not store at this temperature	Do not store at this temperature	Up to 12 months	6 hours DO NOT DILUTE	Must be used within 12 hours at refrigerated temperature or 6 hours at room temperature after first puncture.
‡ Expiry dates may be extended. Monitor for Health Canada announcements that may affect the expiry dates. ^ Length of time to be stored in refrigerator before puncture or dilution until being discarded, unless the manufacturer’s expiry date occurs before that time.					

**Note:** Most vaccines are distributed to providers at +2°C to 8°C (refrigerated temperature). **Thawed or partially thawed vaccines cannot be refrozen.**

- During storage, minimize exposure to room light, and avoid exposure to direct sunlight and ultraviolet light.
- Product should be marked with applicable expiry dates based on time in refrigerator and time after puncture to avoid administration errors. Please refer to the product monographs for all storage and handling guidelines
- Vaccine that is expired or cannot be used if it has reached past the identified timelines are to be removed from storage, deducted from any inventory (if applicable) and returned to MDA for proper disposal following Manitoba’s Return Policy and Process ([www.manitoba.ca/health/publichealth/cdc/div/docs/vbrpp.pdf](http://www.manitoba.ca/health/publichealth/cdc/div/docs/vbrpp.pdf))

### Moderna Temperature Excursion Tool

Moderna has an online temperature excursion tool that can be accessed by health care providers. This tool is to provide immediate feedback on the potential viability of Moderna COVID-19 vaccine vials that may have experienced a temperature excursion prior to administration. Please see below English and French webpage links for access to this tool: <https://tools.modernamedinfo.com/en-CA/excursion/introduction-landing-page> <https://tools.modernamedinfo.com/fr-CA/excursion/introduction-landing-page>