




Appendix A- XBB.1.5 mRNA COVID-19 Vaccine Storage & Handling Summary Table

<p>Characteristics</p>	 <p>Moderna Spikevax™ XBB.1.5 6 months +</p> <p>Dose: 12+: 0.5 ml (50 mcg)</p> <p>6mo to 11yrs: 0.25 ml (25 mcg)</p> <p>DO NOT DILUTE</p>	<p>Pfizer Comirnaty® XBB.1.5 12 Years +</p> <p>Dose: 0.3 ml (30 mcg) DO NOT DILUTE</p>	<p>Pediatric Pfizer Comirnaty® XBB.1.5 5 to 11 Years</p> <p>Dose: 0.3 ml (10 mcg) DO NOT DILUTE</p>	<p>Infant-Pediatric Pfizer Comirnaty® XBB.1.5 6 months to 4 years</p> <p>Dose: 0.2ml (3mcg) MUST BE DILUTED</p>
<p>Expiry Date</p>	<ul style="list-style-type: none"> Expiry date printed on the label In case of expiry extensions, the most up-to-date expiry can be found on Panorama or CQE. 	<ul style="list-style-type: none"> Manufactured date printed on the label Most up-to-date expiry can be found on Pfizer’s website at cvdcanada.ca 	<ul style="list-style-type: none"> Manufactured date printed on the label Most up-to-date expiry can be found on Pfizer’s website at cvdcanada.ca 	<ul style="list-style-type: none"> Manufactured date printed on the label Most up-to-date expiry can be found on Pfizer’s website at cvdcanada.ca
<p>Ultra-Low Temperature (ULT) Freezer Storage</p>	<p>NO</p>	<p>YES -90°C to -60°C until expiry date</p>	<p>YES -90°C to -60°C until expiry date</p>	<p>YES -90°C to -60°C until expiry date</p>
<p>Standard Freezer Storage</p>	<p>YES -50 °C to -15 °C until expiry date</p>	<p>NO</p>	<p>NO</p>	<p>NO</p>
<p>Thawing Instructions</p>	<ul style="list-style-type: none"> Thaw in refrigerator between +2°C to +8°C for 2 hours. (Let each vial stand at room temperature for 15 minutes before administering). OR Thaw at room temperature between +15°C to +25°C for 45 minutes 	<ul style="list-style-type: none"> Thaw in refrigerator (+2°C to +8°C). May take up to 6 hours to thaw OR Thaw vial(s) at room temperature (up to +25°C) for 30 minutes 	<ul style="list-style-type: none"> Thaw in refrigerator (2°C to 8°C) – may take up to 6 hours to thaw OR Thaw vial(s) at room temperature (up to 25°C) for 30 minutes 	<ul style="list-style-type: none"> Thaw in refrigerator (2°C to 8°C) – may take up to 2 hours to thaw (Let vial stand at room temperature for 15 minutes before diluting) OR Thaw vial(s) at room temperature (up to 25°C) for 30 minutes
<p>Closed Vials -- Refrigerator Storage</p> <p>Mark vials with date and time move to fridge</p>	<p>+2 to +8 °C for up to 30 days Do not refreeze</p>	<p>+2 to +8 °C for up to 10 weeks Do not refreeze</p>	<p>+2 to +8 °C for up to 10 weeks Do not refreeze</p>	<p>+2 to +8 °C for up to 10 weeks Do not refreeze</p>
<p>Closed Vials -- Room Temperature Handling</p> <p>Mark vials with date and time moved to room temperature</p>	<p>Up to +25°C for up to 24 hours** ** Un-punctured vials can be returned to the refrigerator and the time at room temperature must be tracked and subtracted from the total time of 24 hours AND</p>	<p>Up to +25°C for up to 12 hours prior to use</p>	<p>Up to +25°C for up to 12 hours prior to use</p>	<p>Up to +25°C for up to 12 hours prior to use</p>

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	<p>The duration of time a <u>un-punctured</u> vial is stored at room temperature is counted against the 24 hour stability period <u>after</u> <u>puncture</u></p>			
<p>Open Vial Storage & Handling</p> <p>Mark vials with date and time of first vial puncture</p>	<p>Fridge (≥ +2 °C) or Room Temp (≤ +25°C) up to 24 hours**</p> <p>**The duration of time a <u>un-punctured</u> vial is stored at room temperature is counted against the 24 hour stability period <u>after</u> <u>puncture</u></p>	<p>Fridge (≥ +2 °C) or Room Temp (≤ +25°C) up to 12 hours</p>	<p>Fridge (≥ +2 °C) or Room Temp (≤ +25°C) up to 12 hours</p>	<p>Fridge (≥ +2 °C) or Room Temp (≤ +25°C) up to 12 hours</p>
<p>Protect from light</p>	<ul style="list-style-type: none"> • Yes • Store in original carton or opaque/amber bag. • Thawed vials can be handled in room light conditions 	<ul style="list-style-type: none"> • Yes • Store in original carton or opaque/amber bag. • Thawed vials can be handled in room light conditions 	<ul style="list-style-type: none"> • Yes • Store in original carton or opaque/amber bag. • Thawed vials can be handled in room light conditions 	<ul style="list-style-type: none"> • Yes • Store in original carton or opaque/amber bag. • Thawed vials can be handled in room light conditions
<p>Handling</p>	<ul style="list-style-type: none"> • DO NOT SHAKE – gently swirl before withdrawing dose 	<ul style="list-style-type: none"> • DO NOT SHAKE – invert gently 10 times 	<ul style="list-style-type: none"> • DO NOT SHAKE – invert gently 10 times 	<ul style="list-style-type: none"> • DO NOT SHAKE – invert gently 10 times
<p>Transportation in a Frozen State</p>	<ul style="list-style-type: none"> • Recommended transportation between -50°C to -15°C • A data logger must be placed in the centre of the shipping container and programmed to alert for under -50°C and over -15°C. • Place vials in an upright position and transport in the carton/box whenever possible. • Label “FRAGILE Handle with Care” 	<ul style="list-style-type: none"> • Only full trays of vaccine can be transported in an ultra-frozen at -90°C to -60°C • DO NOT transport between -25°C to -15°C. • A data logger (compatible for ultra-frozen temperatures) must be placed in the centre of the shipping container and programmed to alert if under -90°C or over -60°C. 	<ul style="list-style-type: none"> • Only full trays of vaccine can be transported in an ultra-frozen at -90°C to -60°C • DO NOT transport between -25°C to -15°C. • A data logger (compatible for ultra-frozen temperatures) must be placed in the centre of the shipping container and programmed to alert if under -90°C or over -60°C. 	<ul style="list-style-type: none"> • Only full trays of vaccine can be transported in an ultra-frozen at -90°C to -60°C • DO NOT transport between -25°C to -15°C. • A data logger (compatible for ultra-frozen temperatures) must be placed in the centre of the shipping container and programmed to alert if under -90°C or over -60°C.

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<p>Transportation in a Thawed State (also refer to Transportation of COVID-19 Vaccine work standards in the COVID-19 Immunization Manual)</p>	<ul style="list-style-type: none"> • Can be transported between +2°C to +8°C with additional precautions, including a maximum cumulative transport time of 12 hours. • Cumulative total transport time must be tracked and counted against the 30 day stability timeline between +2°C to +8°C. • A data logger must be placed in the centre of the shipping container and programmed to alert for under +2°C or over +8°C. • Open vial transport is allowed in exceptional circumstances. Must be stored at the appropriate temperature and must be used within 24 hrs from the first puncture. • Place vials in an upright position and transport in the carton/box whenever possible. • Label “FRAGILE Handle with Care” and “DO NOT RE-FREEZE” 	<ul style="list-style-type: none"> • Either full boxes or partially full boxes/ separate vials can be transported between +2° C to +8° C, with additional precautions. • A data logger must be placed in the centre of the shipping container and programmed to alert if under +2°C or over +8°C. • Open vial transport is permissible with precautions, including administering the vaccine within the stability period of 12 hours from the time of first puncture. 	<ul style="list-style-type: none"> • Either full boxes or partially full boxes/ separate vials can be transported between +2° C to +8° C, with additional precautions. • A data logger must be placed in the centre of the shipping container and programmed to alert if under +2°C and over +8°C. • Open vial transport is permissible with precautions, including administering the vaccine within the stability period of 12 hours from the time of first puncture. 	<ul style="list-style-type: none"> • Either full boxes or partially full boxes/ separate vials can be transported between +2° C to +8° C, with additional precautions. • A data logger must be placed in the centre of the shipping container and programmed to alert if under +2°C and over +8°C. • Open vial transport is permissible with precautions, including administering the vaccine within the stability period of 12 hours from the time of first puncture.