

VACCINE STORAGE AND HANDLING CHART

VACCINE	SHIPPING/ ARRIVAL	STORAGE REQUIREMENTS	SHELF LIFE/ EXPIRATION	RECONSTITUTION	SPECIAL INSTRUCTIONS
DTaP /DT DTaP/HepB/IPV DTaP/HIB/IPV DTap/IPV Tdap/Td	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F)	Check expiration date on vial or manufacturer-filled syringe	Shake vial vigorously before withdrawal and use immediately Do not use if resuspension does not occur after shaking	Rotate Stock so that earliest expiration date is used first
Hepatitis A & B	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F)	Check expiration date on vial or manufacturer-filled syringe	Shake vial vigorously before withdrawal and use immediately	Rotate Stock so that earliest expiration date is used first
HIB	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F)	Check expiration date	Shake vial vigorously before withdrawal and use immediately Do not use if resuspension does not occur after shaking	Rotate Stock so that earliest expiration date is used first
Influenza Trivalent Inactivated	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F)	Use during current influenza season	Shake vial vigorously before withdrawal and use immediately	Rotate Stock so that earliest dated material is used first
Influenza Live Attenuated	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F)	Use during current influenza season	Intranasal single use sprayer. Split dose equally between nostrils.	Dispose of sprayer in sharps container
IPV	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F)	Check expiration date on vial or manufacturer-filled syringe	Shake vial vigorously before withdrawal and use immediately	Rotate Stock so that earliest expiration date is used first
MCV Meningococcal Conjugate	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F)	Check expiration date	Shake vial vigorously before withdrawal and use immediately	Rotate Stock so that earliest expiration date is used first
PCV Pneumococcal Conjugate	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F)	Check expiration date	Shake vial vigorously before withdrawal and use immediately Do not use if resuspension does not occur after shaking	Rotate Stock so that earliest expiration date is used first
MMR	Maintain at - 58°F and +46°F or -50°C and +8° C	MAY PLACE IN FREEZER OR REFRIGERATOR LIGHT WILL INACTIVATE VACCINE	Check expiration date	Use only the diluent supplied to reconstitute the vaccine. Administer immediately. Do not freeze after vaccine is reconstituted. Must be used within 8 hrs of reconstitution.	Do not expose diluents to freezing temperatures. Diluent may be stored at room temperature or in refrigerator.
Varivax	Maintain at - 58°F and +5°F or -50°C and -15° C	PLACE IN FREEZER IMMEDIATELY Needs sealed and separate freezer compartment	Check expiration date	Use only the diluent supplied to reconstitute the vaccine. Administer immediately. Do not freeze after vaccine is reconstituted. Must be discarded if not used within 30 minutes of reconstitution	MUST STAY FROZEN!! LIGHT WILL INACTIVATE VACCINE Rotate stock so that earliest expiration date is used first
ProQuad Varivax/MMR	Maintain at - 58°F and +5°F or -50°C and -15° C	PLACE IN FREEZER IMMEDIATELY Needs sealed and separate freezer compartment	Check expiration date	Use only the diluent supplied to reconstitute the vaccine. Administer immediately. Do not freeze after vaccine is reconstituted. Must be discarded if not used within 30 minutes of reconstitution	MUST STAY FROZEN!! LIGHT WILL INACTIVATE VACCINE Rotate stock so that earliest dated material is used first
RotaTaq RV5 Rotarix RV1	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F) PROTECT FROM LIGHT	Check expiration date	RV5 single dosing tube should be used <u>immediately</u> after the cap is removed. RV1 diluent stored at room temperature 68°F and 77°F (20° C and 25° C). May be used up to 24 hrs after reconstitution	Oral use only Rotate Stock so that earliest expiration date is used first
HPV	DO NOT EXPOSE TO FREEZING TEMPERATURES	DO NOT FREEZE Refrigerate immediately At 2-8°C (35°-46°F) PROTECT FROM LIGHT	Check expiration date on vial or manufacturer-filled syringe	Shake vial vigorously before withdrawal and use immediately	Rotate Stock so that earliest expiration date is used first

PROTECT VACCINES

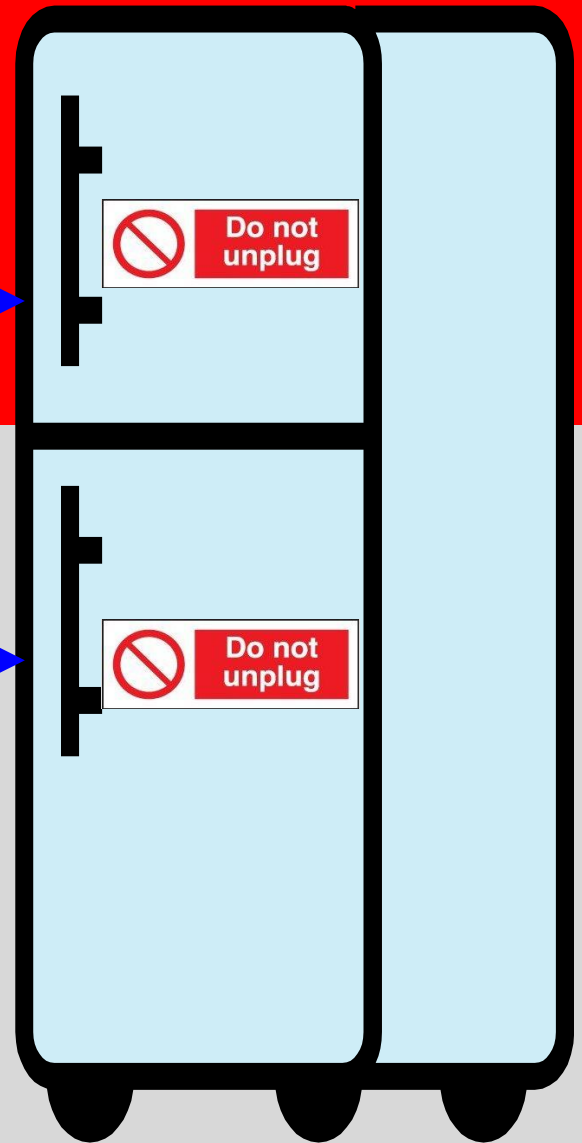
Maintain freezer temperature
-58°F to +5°F or (-50°C to -15°C)

MMR
MMRV*
Varicella*
Zoster*

Maintain refrigerator temperature at
35–46°F and (2–8°C)

DTaP, DT, Td, Tdap
Hepatitis A Hepatitis B
Hib
Human papillomavirus (HPV*)
Influenza (TIV/LAIV)
Polio (IPV)
Meningococcal (MCV4 & MPSV4)
MMR*, †
Pneumococcal (PCV &
PPV) Rotavirus*

*Do not expose to light.
† May be stored in freezer or refrigerator



Vaccine Handling Tips

Order Vaccines Carefully:

Inventory your vaccine at least monthly and before placing an order. Vaccines must never be used past their expiration date.

Store Vaccines Correctly:

Refrigerate or freeze immediately upon receiving the vaccine shipment. Do not store vaccine in the doors or crispier of the vaccine storage units. Place vaccines in the middle of the storage unit and allow enough room between the boxes so there is adequate air circulation.

Always use the vaccine with the earliest expiration date first. Move vaccine with the earliest expiration date to the front and mark it to be used first. Keep vials in their boxes.

Document Temperatures:

Document temperatures at a minimum of 2 times a day. Once at the beginning and once at the end of the clinic day. If temperatures are out of proper range document the action taken to safeguard the vaccine

Stabilize Temperature:

Store ice packs in the freezer. Store large jugs of water in the refrigerator door. This will help maintain a stable, cold temperature in case of a power failure or if the refrigerator or freezer doors are opened frequently or left open. Frequent opening of the refrigerator unit's doors can lead to inside temperature variations, which could affect the vaccine's efficacy. For this reason you should not store food or beverages in the refrigerator or freezer.

Secure Temperatures:

Safeguard the electrical supply to the refrigerator. Make sure the vaccine storage unit is plugged into a secured outlet where it cannot be disconnected accidentally. Label the unit, electrical outlets, and circuit breakers with information that clearly identifies the perishable nature of vaccines and the immediate steps to be taken in case of interruption of power (use DO NOT UNPLUG stickers). If your building has auxiliary power, use the outlet supplied by that system.

Outdated or improperly stored vaccines won't protect patients!