

Vaccine	Trade Name	Where to store	Acceptable Temperature Range	Diluent Storage	Specific Expiration after Opened/Reconstituted	Protect from Light	Other Comments
Adenovirus	Adenovirus Type 4 and Type 7	Refrigerator	2°C to 8°C (36°F to 46°F)		May be used until expiration date.		Keep bottles tightly closed and protect from moisture. Do NOT remove desiccant canister from bottles.
	BioThrax®	Refrigerator	2°C to 8°C (36°F to 46°F)		Once the stopper of the multi-dose vial has been pierced, the vial must be discarded within 28 days.		Shake well before use.
Cholera	Vaxchora®	Refrigerator	2°C to 8°C (36°F to 46°F)	Pour 100 mL of cold or room temperature (41°F-72°F; 5°C-22°C) purified bottled or spring bottled water into a clean, disposable cup. Do not use tap water, sparkling (carbonated) water, non-purified or non-spring bottled water, other beverages, or other liquids.	Must be consumed within 15 minutes of reconstitution. If the packets are reconstituted in the improper order, the vaccine must be discarded.	Yes	Protect from light and moisture. Reconstitution should be completed within 15 minutes of removing from the refrigerator. When out of refrigerated storage, packets should not be exposed to temperatures above 80°F (27°C).
	Daptacel® Infanrix® Kinrix®						Shake well before use.
All DTaP vaccines	Pediarix®	Refrigerator	2°C to 8°C (36°F to 46°F)				Shake well before use.
	Pentacel®						Shake well before use.
Hepatitis A	Quadracel® Vaxelis®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator			Shake well before use.
	Havrix®						Shake well before use.
	VAQTA®						Shake well before use.
Hepatitis B	Engerix-B® Heplisav-B® Recombivax HB®	Refrigerator	2°C to 8°C (36°F to 46°F)				Shake well before use.
							Shake well before use.
							Shake well before use.
Hepatitis A-B	Twinrix®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	Shake well before use.
	ActHIB®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator	Use within 24 hours of reconstitution.		Shake well before use. If the vaccine is not administered immediately, shake the solution well again before administration.
Hiberix®	Yes – store in refrigerator or at room temperature			Use within 24 hours of reconstitution.	Yes	If the vaccine is not administered immediately, shake the solution well again before administration.	
HPV	PedvaxHB®	Refrigerator	2°C to 8°C (36°F to 46°F)				Shake well before use.
	Gardasil 9®						Shake well before use. Administer as soon as possible after being removed from refrigeration.

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Influenza (LAIV)	FluMist®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	
	Fluad®, Fluarix®, Fluablok®, Flucelvax®, Fluvirin®, Fluzone®	Refrigerator	2°C to 8°C (36°F to 46°F)		Multi-dose vials may be used until expired unless contaminated.	Yes	Shake well before use. Between uses, return the multi-dose vial to the recommended storage conditions.
Influenza (IV)	Afluria®, Flulaval®	Refrigerator	2°C to 8°C (36°F to 46°F)		Once the stopper of the multi-dose vial has been pierced the vial must be discarded within 28 days.	Yes	Shake well before use. Between uses, return the multi-dose vial to the recommended storage conditions.
	Ixiaro®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	Shake well before use.
JEV	Menactra®						
	Menveo®			Yes – store in refrigerator	Use within 8 hours of reconstitution.	Yes	
	Bexero®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	Shake well before use.
	Trumenba®						Shake well before use. Store syringes in the refrigerator horizontally (lying flat on the shelf) to minimize the re-dispersion time.
MMR	M-M-R II®	Freezer (preferred) or Refrigerator	-50°C to -15°C (-58°F to +5°F) or 2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator or at room temperature	Use within 8 hours of reconstitution and continue to protect from light.	Yes	
	Proquad®	Freezer	-50°C to -15°C (-58°F to +5°F)	Yes – store in refrigerator or at room temperature	Use within 30 minutes of reconstitution and continue to protect from light.	Yes	
Pneumococcal	Pneumovax®	Refrigerator	2°C to 8°C (36°F to 46°F)		Multi-dose vials may be used until expired unless contaminated.		Shake well before use.
	Prevnar 13®						
Polio (IPV)	IPOL®	Refrigerator	2°C to 8°C (36°F to 46°F)		Multi-dose vials may be used until expired unless contaminated.	Yes	
Rabies	Imovax®	Refrigerator	2°C to 8°C	Yes – store in refrigerator			

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Rabies (cont.)	Rabavert®		(36°F to 46°F)		Use immediately after reconstitution.	Yes	
Rotavirus	Rotarix®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator or at room temperature	Use within 24 hours of reconstitution.	Yes	Administer as soon as possible after removal from refrigeration.
	RotaTeq®					Yes	
	Adacel® Boostrix® DT® Tenvirac®	Refrigerator	2°C to 8°C (36°F to 46°F)				Shake well before use. Shake well before use. Shake well before use. Shake well before use.
Smallpox	ACAM2000®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store at room temperature	Use within 30 days of reconstitution.		Between uses, return the multi-dose vial to the recommended storage conditions.
Typhoid	Typhim Vi®	Refrigerator	2°C to 8°C (36°F to 46°F)		Multi-dose vials may be used until expired unless contaminated.		
	Vivotif®						Vivotif is not stable when exposed to ambient room temperatures. Keep all doses in proper storage until ingested.
Varicella/ Chickenpox	Varivax® (refrigerator formulation)	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator or at room temperature	Use within 30 minutes of reconstitution.	Yes	The lyophilized vaccine has a shelf-life of 24 months when refrigerated. The vaccine may also be stored in a freezer; if subsequently transferred to a refrigerator, the vaccine should not be refrozen.
	Varivax® (freezer formulation)	Freezer	-50°C to -15°C (-58°F to +5°F)	Yes – store in refrigerator or at room temperature	Use within 30 minutes of reconstitution.	Yes	May be stored in refrigerator, 2°C to 8°C/36°F to 46°F; for up to 72 hours prior to reconstitution. Vaccine stored at 2°C to 8°C which is not used within 72 hours of removal from -15°C/+5°F storage should be discarded.
Yellow Fever	YF-VAX®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator or at room temperature	Use within 60 minutes of reconstitution.		
Zoster/Shingles	Shingrix®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator	Use within 6 hours of reconstitution.	Yes	