

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.
Anthrax	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.
	Novavax	Refrigerator	2°C to 8°C (36°F to 46°F)		Discard punctured vial and any remaining vaccine after 6 hours.	Yes	If not used immediately, store refrigerated between 2°C to 8°C (36°F to 46°F) and administer within 6 hours.
	Moderna (Bivalent)	Freezer or Refrigerator	Unpunctured vials: - May be stored between -50°C to -15°C (-58°F to 5°F) until the expiration date. - May be stored between 2°C to 8°C (36°F to 46°F) for up to 30 days.		Punctured bivalent vaccine vials for ages 6 months through 5 years may be stored between 2°C and 25°C (36°F and 77°F) for up to 8 hours. All other Moderna products for up to 12 hours.	Yes	Store vials upright in the tray or box protected from light. Do NOT refreeze thawed vaccine. Thawed vials can be handled in room light conditions. Total storage at 8°C to 25°C (46°F to 77°F) must not exceed 24 hours.
Covid-19	Pfizer (Bivalent)	Ultra-cold Freezer or Refrigerator	Unpunctured vials: - May be stored between -90°C to -60°C (-130°F to -76°F) until the expiration date. - May be stored between 2°C to 8°C (36°F to 46°F) for up to 10 weeks.	Yes – some formulations require reconstitution. Store in refrigerator or at room temperature	Punctured vials may be stored between 2°C and 25°C (36°F and 77°F) for up to 12 hours. Discard vial and any remaining vaccine after 12 hours.	Yes	Store vials upright in the tray or box protected from light. Do NOT refreeze thawed vaccine.
Cholera	Vaxchora®			<i>Temporarily unavailable</i>			
Dengue	Dengvaxia®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator	Use within 30 minutes of reconstitution.	Yes	

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All DTaP vaccines	Daptacel®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator	Use immediately after reconstitution.		Shake well before use.
	Infanrix®						
	Kinrix®						
	Pediarix®						
	Pentacef®						
Hepatitis A	Quadracel®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	Shake well before use.
	Vaxelis®						
	Havrix® VAQTA®						
Hepatitis B	Engerix-B®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	Shake well before use.
	Hepilisav-B®						
	PrevHevbrio®						
	Recombivax HB®						
Hepatitis A-B	Twinrix®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	Shake well before use.
Hib vaccines	ActHIB®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator	Use within 24 hours of reconstitution.		If the vaccine is not administered immediately, shake the solution well again before administration.
	Hiberix®						
	PedvaxHIB®						
HPV	Gardasil 9®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	Shake well before use. Administer as soon as possible after being removed from refrigeration.
Influenza (LAIV)	FluMist®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	A single temperature excursion up to 25°C (77°F) for 12 hours has been shown to have no adverse impact on the vaccine.
Influenza (IV)	Fluad®, Fluarix®, Flublok®, Flucelvax®, Flulaval®	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.
	Afluria®	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. The number of needle punctures should not exceed 20 per multi-dose vial.	Yes	Shake well before use. Between uses, return the multi-dose vial to the recommended storage conditions.

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	Fluzone®	Refrigerator	2°C to 8°C (36°F to 46°F)		A maximum of 10 doses can be withdrawn from the multi-dose vial.	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.
	Menactra®						
Meningococcal	*Menveo®		2°C to 8°C (36°F to 46°F)	*Yes – store in refrigerator	*Use within 8 hours of reconstitution.	Yes	*Menveo is supplied as either two vials (gray and orange caps) that require reconstitution or one vial (pink cap) that does not require reconstitution before use.
	MenQuadfi®	Refrigerator				Yes	Shake well before use.
	Bexero®						Shake well before use. Store syringes in the refrigerator horizontally (lying flat on the shelf) to minimize the re-dispersion time.
	Trumenba®						
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	
	Priorix®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator or at room temperature	Use within 8 hours of reconstitution.	Yes	If not used immediately, store refrigerated between 2°C to 8°C (36°F to 46°F) and administer within 8 hours.
MMRV	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	
	Pneumovax23® Prevnar 13®						Shake well before use.
Pneumococcal	Prevnar 20®	Refrigerator	2°C to 8°C (36°F to 46°F)				Shake well before use. Syringes should be stored in refrigerator horizontally to minimize the resuspension time. Administer as soon as possible after being removed from refrigeration.
	Vaxneuvance®					Yes	Shake well before use.
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	

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Rabies	Imovax®	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator	Use immediately after reconstitution.	Yes	
	Rabavert®						
Respiratory Syncytial Virus (RSV)	Abrysvo™	Refrigerator	2°C to 8°C (36°F to 46°F)	Yes – store in refrigerator	Discard reconstituted vaccine if not used within 4 hours.		After reconstitution, administer immediately or store at room temperature [15°C to 30°C (59°F to 86°F)] and use within 4 hours. Do not store reconstituted vaccine under refrigerated conditions [2°C to 8°C (36°F to 46°F)].
	Arexvy®				Discard reconstituted vaccine if not used within 4 hours.	Yes	Administer immediately or store in the refrigerator between 2°C and 8°C (36°F to 46°F) or at room temperature [up to 25°C (77°F)] for up to 4 hours prior to use.
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	*Rotarix is supplied as either a vial and oral dosing applicator or presentation that requires reconstitution or an oral dosing applicator only that does not require reconstitution.
	RotaTeq®					Yes	Administer as soon as possible after removal from refrigeration.
Tetanus and Diphtheria Toxoid and Tdap	Adacel®	Refrigerator	2°C to 8°C (36°F to 46°F)				
	Boostrix®						
	DT®						
	Tenivac®						Shake well before use.
Smallpox/ Monkeypox	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.
	Jynneos®	Freezer	-25°C to -15°C (-13°F to +5°F)			Yes	Allow the vaccine to thaw and reach room temperature before use. Once thawed, the vaccine may be kept at +2°C to +8°C (+36°F to +46°F) for 4 weeks. Do not refreeze. Swirl the vial gently before use for at least 30 seconds.
Tick-Borne Encephalitis	Ticovac®	Refrigerator	2°C to 8°C (36°F to 46°F)			Yes	Bring vaccine to room temperature before administration. Shake well before use.
Typhoid	Typhim Vi®	Refrigerator	2°C to 8°C (36°F to 46°F)		Multi-dose vials may be used until expired unless contaminated.		

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	Vivotif®				<i>Temporarily unavailable</i>		
Varicella/ Chickenpox	Varivax®	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.		Allow the reconstituted vaccine to sit for one to two minutes and then carefully swirl mixture until a uniform suspension is achieved. A void vigorous shaking as this tends to cause foaming of the suspension.
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	