

Vaccine Storage Temperature Recommendations

Vaccine(s)	Vaccine Storage Temperature	Diluent Storage Temperature	Comments
Diphtheria, tetanus, pertussis-containing vaccines (DTaP, DT, Tdap, Td)	35°F-46°F (2°-8°C) Do not freeze.	No diluent	Irreversible loss of potency occurs with exposure to freezing temperatures. (Tripegdia is sometimes used as a diluent for ActHIB.)
Hepatitis A	35°F-46°F (2°-8°C) Do not freeze	No diluent	Irreversible loss of potency occurs with exposure to freezing temperatures.
Hepatitis B	35°F-46°F (2°-8°C) Do not freeze	No diluent	Irreversible loss of potency occurs with exposure to freezing temperatures.
Hib (ActHIB)	35°F-46°F (2°-8°C)	35°F-46°F (2°-8°C) Do not freeze	The lyophilized pellet may be stored at freezer temperature; the reconstituted vaccine should be stored at refrigerator temperature. Protect from light.
Hib (PedvaxHIB)	35°F-46°F (2°-8°C)	No diluent	
HPV	35°F-46°F (2°-8°C) Do not freeze	No diluent	Irreversible loss of potency occurs with exposure to freezing temperatures. Protect from light.
Influenza (LAIV)	35°F-46°F (2°-8°C)	No diluent	Do not expose to temperatures above the recommended range.
Influenza (TIV)	35°F-46°F (2°-8°C)	No diluent	Protect from light.
Meningococcal (MCV4 – Menactra)	35°F-46°F (2°-8°C)	No diluent	Protect from light.
Meningococcal (MCV4 – Menveo)	35°F-46°F (2°-8°C)	35°F-46°F (2°-8°C)	Protect from light.
Meningococcal (MPSV4)	35°F-46°F (2°-8°C)	Data lacking on ideal pre-reconstitution storage requirements. Do not freeze.	The lyophilized pellet may be stored at freezer temperature; the reconstituted vaccine should be stored at refrigerator temperature.
MMR	35°F-46°F (2°-8°C)	35°F-77°F (2°-25°C) Can be refrigerated or stored at room temperature.	Do not expose to light or temperatures above the recommended range.
MMRV	-58° to 5°F (-50° to -25°C)	35°F-77°F (2°-25°C) Can be refrigerated or stored at room temperature.	Protect from light.
Pneumococcal (PCV)	35°F-46°F (2°-8°C) Do not freeze	No diluent	Irreversible loss of potency occurs with exposure to freezing temperatures.
Pneumococcal (PPSV)	35°F-46°F (2°-8°C)	No diluent	
Polio (IPV)	35°F-46°F (2°-8°C)	No diluent	
Rotavirus (RotaTeq)	35°F-46°F (2°-8°C) Do not freeze	No diluent	Protect from light.
Rotavirus (Rotarix)	35°F-46°F (2°-8°C) Do not freeze	May be stored at controlled room temperature: 68°F-77°F (20°-25°C) Do not freeze.	Protect from light.
Varicella	≤5°F (≤-15°C)	35°F-77°F (2°-25°C) Can be refrigerated or stored at room temperature.	Protect from light.
Zoster	-58° to 5°F (-50° to -15°C)	35°F-77°F (2°-25°C) Can be refrigerated or stored at room temperature.	Protect from light.

Adapted from Table 11, ACIP General Recommendations on Immunization