

# Vaccine Label Examples

Staff can easily become confused about vaccines within the storage unit because there are so many brands and formulations available. Labeling the area where vaccines are stored can help staff quickly locate and choose the correct vaccine—perhaps preventing a vaccine administration error. Depending on how vaccines are organized within the storage unit, labels can be placed on containers or bins or directly attached to shelves where vaccines are placed. Other helpful strategies to prevent vaccine administration errors include color-coding labels (e.g., one color for pediatric and another for adult vaccines) and providing additional information such as age indications or other information unique to the vaccine.

In addition, some vaccines must be reconstituted before administration. These vaccines have two components—a lyophilized vaccine and a diluent that must be mixed together. **The lyophilized vaccine should only be reconstituted or mixed using the diluent supplied by the manufacturer.** Consider posting reminders or labeling vaccines to remind staff to reconstitute certain vaccines prior to administration.

The following labels are examples that may be used to help organize vaccines. Labels are based on recommendations from the Advisory Committee on Immunization Practices (ACIP) and may include indications different from those of the Food and Drug Administration. The Centers for Disease Control and Prevention (CDC) also recommends vaccines be stored in the original packaging to protect the contents from light, to help maintain the recommended temperature range, and to help prevent administration errors.

Note: Some vaccine preparations are being transitioned from vials and prefilled syringes that contain latex (natural rubber) to vials and prefilled syringes that are not made with natural rubber latex. Read the package insert that accompanies the product to check for the presence of natural rubber or latex.



# Dengue

## **DENGVAXIA**

(Live Dengue Vaccine)

- **Lyophilized Powder Vaccine Antigen Vial**
- **Saline Diluent Vial**

**Ages:** 9 years through 16 years (with laboratory-confirmed previous dengue infection and living in dengue-endemic areas)

**Dosage:** 0.5 mL each, 6 months apart (at 0, 6, and 12)

**Route:** Subcutaneous (SUBCUT) injection

**Protect From Light**

**Do Not Freeze**

**Reconstitute ONLY with 0.6 mL of manufacturer-supplied 0.9% saline diluent**

**Withdraw 0.5 mL for administration**

**After reconstitution, administer immediately or store at 2°C to 8°C (36°F to 46°F) and use within 30 minutes**

# Diphtheria- and Tetanus-Toxoid- and acellular Pertussis-Containing Vaccines

## **DTaP (Daptacel)**

**Ages:** 6 weeks through 6 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

## **DTaP-IPV (Kinrix)**

**Ages:** 4 years through 6 years

**Use for:** DTaP dose #5

IPV dose #4

**Do NOT use for DTaP doses 1 through 4 OR IPV doses 1 through 3**

**Route:** Intramuscular (IM) injection

## **DTaP (Infanrix)**

**Ages:** 6 weeks through 6 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

## **DTaP-IPV-HepB (Pediatrix)**

**Ages:** 6 weeks through 6 years

**Use for:** DTaP and IPV: Doses #1, #2, and/or #3

HepB: Any dose in the series

**Do NOT use for HepB birth dose**

**Route:** Intramuscular (IM) injection

# Diphtheria- and Tetanus-Toxoid- and acellular Pertussis-Containing Vaccines

## **DTaP-IPV-Hib (Pentacel)**

**Ages:** 6 weeks through 4 years

**Use for:** DTaP and IPV: Doses #1, #2, #3, and/or #4  
Hib: Any dose in the series

**Route:** Intramuscular (IM) injection

**Reconstitute Hib powder ONLY with manufacturer-supplied DTaP-IPV liquid diluent**

**Use immediately after reconstitution  
Do NOT administer DTaP-IPV w/o Hib**

## **DTaP-IPV-HepB-Hib (Vaxelis)**

**Ages:** 6 weeks through 4 years

**Use for:** DTaP and IPV: Doses #1, #2, and/or #3  
Hep B: Any dose in the series  
(Do NOT use for HepB birth dose)  
Hib: Any dose in the series

**Route:** Intramuscular (IM) injection

## **DTaP-IPV (Quadracel)**

**Ages:** 4 years through 6 years

**Use for:** DTaP dose #5

IPV dose #4 or #5

**Do NOT use for DTaP doses 1 through 4 OR IPV doses 1 through 3**

**Route:** Intramuscular (IM) injection

## *Haemophilus influenzae* type b-Containing Vaccines

### **Hib (ActHIB)**

**Ages:** 6 weeks through 4 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

**Reconstitute Hib powder ONLY with manufacturer-supplied 0.4% sodium chloride diluent**

**Beyond Use Time:** If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) and discard if not used within 24 hours. Shake well prior to administration.

### **Hib (PedvaxHIB)**

**Ages:** 6 weeks through 4 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

### **Hib (Hiberix)**

**Ages:** 6 weeks through 4 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

**Reconstitute Hib powder ONLY with manufacturer-supplied 0.9% sodium chloride diluent**

**Beyond Use Time:** If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) and discard if not used within 24 hours. Shake well prior to administration.

# Hepatitis Vaccines

## HepA (Havrix)-Pediatric Formulation

**Ages:** 12 months through 18 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

## HepB (Engerix-B)-Pediatric Formulation

**Ages:** Birth through 19 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

## HepA (Vaqta)-Pediatric Formulation

**Ages:** 12 months through 18 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

## HepB (Recombivax HB)-Pediatric Formulation

**Ages:** Birth through 19 years

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

# Hepatitis Vaccines

## HepA (Havrix)-Adult Formulation

**Ages:** 19 years and older  
**Use for:** Any dose in the series  
**Route:** Intramuscular (IM) injection

## HepB (Engerix-B)-Adult Formulation

**Ages:** 20 years and older  
**Use for:** Any dose in the series  
**Route:** Intramuscular (IM) injection

## HepA (Vaqta)-Adult Formulation

**Ages:** 19 years and older  
**Use for:** Any dose in the series  
**Route:** Intramuscular (IM) injection

## HepB (Recombivax HB)-Adult Formulation

**Ages:** 20 years and older  
**Use for:** Any dose in the series  
**Alternate Adolescent Schedule for 11- through 15 -year olds:**  
Two 1 mL doses 4 to 6 months apart  
**Route:** Intramuscular (IM) injection

## Hepatitis Vaccines

### HepB (Heplisav-B)

**Ages:** 18 years and older

**Use for:** Any dose in the series (two 0.5 mL doses 1 month apart)

**Route:** Intramuscular (IM) injection

### HepA-HepB (Twinrix)

**Ages:** 18 years and older

**Contains:** HepA = Pediatric dosage  
HepB = Adult dosage

**Schedule:** 0, 1, and 6 months

**Alternate Schedule:** 0, 7, and 21 to 30 days, followed by booster at 12 months

**Route:** Intramuscular (IM) injection

### HepB (PreHevbrio)

**Ages:** 18 years and older

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection



# Human Papillomavirus Vaccines

## **9vHPV (Gardasil 9)**

**Ages:** 9 years through 45 years

**Recommended ages:** 11 years or 12 years

**Catch-up ages:** 13 years through 26 years

**Shared clinical decision-making ages:** 27  
through 45 years

**Route:** Intramuscular (IM) injection

# Measles, Mumps, Rubella Vaccine

## **MMR (M-M-R II)**

**Ages:** 12 months and older

**Use for:** Any dose in the series

**Route:** Subcutaneous (subcut) injection

**Reconstitute MMR powder ONLY with  
manufacturer-supplied sterile water diluent**

**Beyond Use Time: If not used immediately after reconstitution,  
store in vaccine vial in dark place at 2°C to 8°C (36°F to 46°F)  
and discard if not used within 8 hours.**

# Meningococcal Vaccines

## MenACWY-D (Menactra)

**Ages:** 9 months and older

**Use for:** Any dose in the series (and certain high-risk groups)

**Route:** Intramuscular (IM) injection

## MenACWY-TT (MenQuadfi)

**Ages:** 2 years and older

**Use for:** Any dose in the series (and certain high-risk groups)

**Route:** Intramuscular (IM) injection

## MenACWY-CRM (Menveo)

**Ages:** 2 months and older

**Use for:** Any dose in the series (and certain high-risk groups)

**Route:** Intramuscular (IM) injection

**Reconstitute the MenA lyophilized conjugate component ONLY with manufacturer-supplied MenCWY liquid conjugate component**

**Do NOT administer MenCWY w/o MenA**

**Beyond Use Time:** Should be used immediately after reconstitution, but may be stored between 2° and 25°C (36° and 77°F) for up to 8 hours.

**Do not freeze.**

# Meningococcal Vaccines

## **MenB-4C (Bexsero)**

**Ages:** 10 years and older

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

**Bexsero and Trumenba are NOT interchangeable**  
**Complete series with same vaccine product**

## **MenB-FHbp (Trumenba)**

**Ages:** 10 years and older

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

**Bexsero and Trumenba are NOT interchangeable**  
**Complete series with same vaccine product**

# Pneumococcal Vaccines

## **PCV13 (Prevnar 13)**

**Ages:** All children 6 weeks through 5 years

**Certain high-risk groups** 6 years through 18 years who have never received PCV13 or received an incomplete PCV13 series

**Route:** Intramuscular (IM) injection

## **PCV15 (Vaxneuvance)**

**Ages:** Adults 65 years and older

**Certain high-risk groups** 19 – 64 years with certain medical conditions or risk factors

**Route:** Intramuscular (IM) injection

## **PPSV23 (Pneumovax 23)**

**Ages:** Adults 65 years and older who received PCV13 or PCV15

**Certain high-risk groups** 2 years through 64 years with certain medical conditions or risk factors who received PCV13 or PCV15

**Route:** Intramuscular (IM) injection OR  
Subcutaneous (subcut) injection

## **PCV20 (Prevnar 20)**

**Ages:** Adults 65 years and older

**Certain high-risk groups** 19 – 64 years with certain medical conditions or risk factors

**Route:** Intramuscular (IM) injection

## Poliovirus Vaccine

### **IPV**

**Ages:** 6 weeks and older

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection OR  
Subcutaneous (subcut) injection

# Rotavirus Vaccines

## **RV1 (Rotarix)**

**Ages:** 6 weeks through 8 months, 0 days  
Maximum age for 1st dose is 14 weeks, 6 days  
Maximum age for last dose is 8 months, 0 days

**Route:** Oral (PO)

**Reconstitute RV1 powder ONLY with manufacturer-supplied sterile water/calcium chloride/xanthan diluent**

**Beyond Use Time:** If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) or at controlled room temperature up to 25°C (77°F) and discard if not used within 24 hours.

**Do NOT inject**

## **RV5 (RotaTeq)**

**Ages:** 6 weeks through 8 months, 0 days  
Maximum age for 1st dose is 14 weeks, 6 days  
Maximum age for last dose is 8 months, 0 days

**Route:** Oral (PO)

**Do NOT inject**

## Tetanus- and Diphtheria-Toxoid-Containing Vaccines

### **DT (generic)**

**Ages:** 6 weeks through 6 years  
**Use for:** Primary series and booster doses **ONLY** for children with a contraindication or precaution to pertussis vaccine  
**Route:** Intramuscular (IM) injection

### **Td (generic)**

**Ages:** 7 years and older  
**Use for:** Primary series and booster doses for persons previously vaccinated with Tdap  
**Route:** Intramuscular (IM) injection

### **Td (Tenivac)**

**Ages:** 7 years and older  
**Use for:** Primary series and booster doses for persons previously vaccinated with Tdap  
**Route:** Intramuscular (IM) injection



# Tetanus- and Diphtheria-Toxoid- and acellular Pertussis-Containing Vaccines

## **Tdap (Adacel)**

- Ages:** 7 years and older
- Use for:** Routine adolescent dose at 11 to 12 years of age  
Each pregnancy  
Patients not fully vaccinated for pertussis
- Route:** Intramuscular (IM) injection

## **Tdap (Boostrix)**

- Ages:** 7 years and older
- Use for:** Routine adolescent dose at 11 to 12 years of age  
Each pregnancy  
Patients not fully vaccinated for pertussis
- Route:** Intramuscular (IM) injection

## Frozen Varicella-Containing Vaccines

### **VAR (Varivax)**

**Ages:** 12 months and older

**Use for:** Any dose in the series

**Route:** Subcutaneous (subcut) injection

**Reconstitute VAR powder ONLY with  
manufacturer-supplied sterile water diluent**

**Beyond Use Time: Discard reconstituted vaccine if not used  
within 30 minutes.**

### **MMRV (ProQuad)**

**Ages:** 12 months through 12 years

**Use for:** Any dose in the series

**Route:** Subcutaneous (subcut) injection

**Reconstitute MMRV powder ONLY with  
manufacturer-supplied sterile water diluent**

**Beyond Use Time: Discard reconstituted vaccine if not used  
within 30 minutes.**

# Refrigerated Varicella-Containing Vaccine

## **RZV (Shingrix)**

**Ages:** Adults 50 years and older  
Adults 19 years and older who are or will be immunodeficient or immunosuppressed because of disease or therapy

**Use for:** Any dose in the series

**Route:** Intramuscular (IM) injection

**Refrigerate both components; do NOT freeze**

**Reconstitute lyophilized varicella zoster component with manufacturer-supplied adjuvant suspension**

**Beyond Use Time: Discard reconstituted vaccine if not used within 6 hours.**

# Reconstituted Vaccines

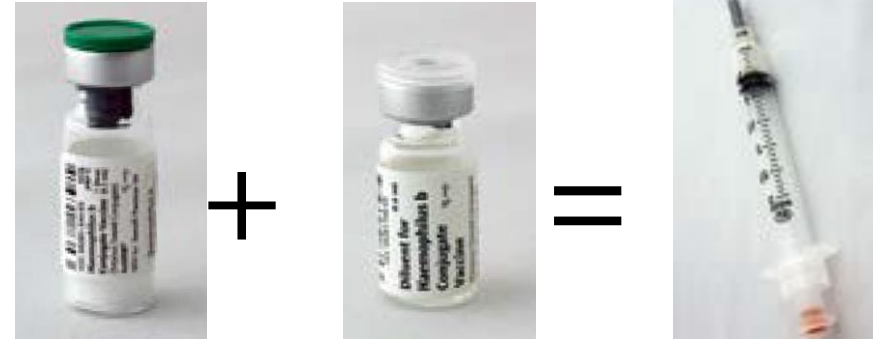
## DTaP-IPV/HIB (Pentacel)



Lyophilized Hib component + Manufacturer's DTaP-IPV liquid component = Pentacel vaccine

**Should be used immediately after reconstitution**

## Hib (ActHIB)



Lyophilized Hib component + Manufacturer's 0.4% sodium chloride diluent = ActHIB vaccine

**Beyond Use Time: If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) and discard if not used within 24 hours. Should be shaken vigorously before injection.**

## MMR (M-M-R II)



Lyophilized MMR component + Manufacturer's sterile water diluent = M-M-R II vaccine

**Beyond Use Time: If not used immediately after reconstitution, store in vaccine vial in dark place at 2°C to 8°C (36°F to 46°F) and discard if not used within 8 hours.**

## Hib (Hiberix)

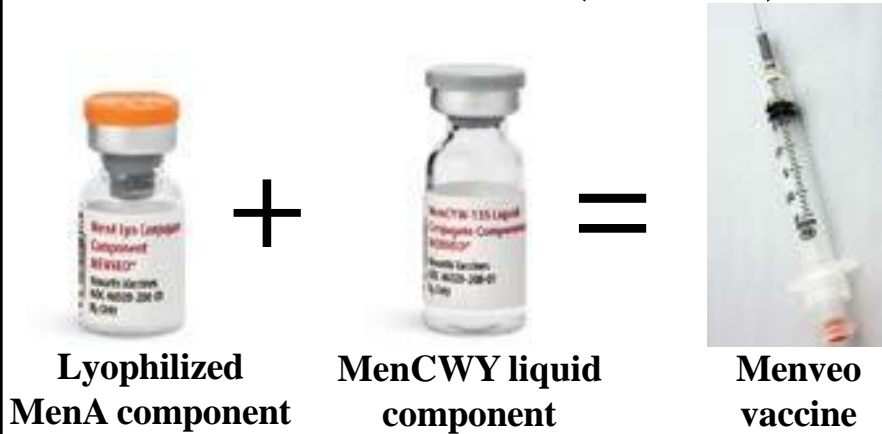


Lyophilized Hib component + Manufacturer's 0.9% sodium chloride diluent = Hiberix vaccine

**Beyond Use Time: If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) and discard if not used within 24 hours. Should be shaken vigorously before injection.**

# Reconstituted Vaccines

## MenACWY-CRM (Menveo)



**Beyond Use Time: Should be used immediately after reconstitution, but may be stored at or below 25°C (77°F) and discarded if not used within 8 hours.**

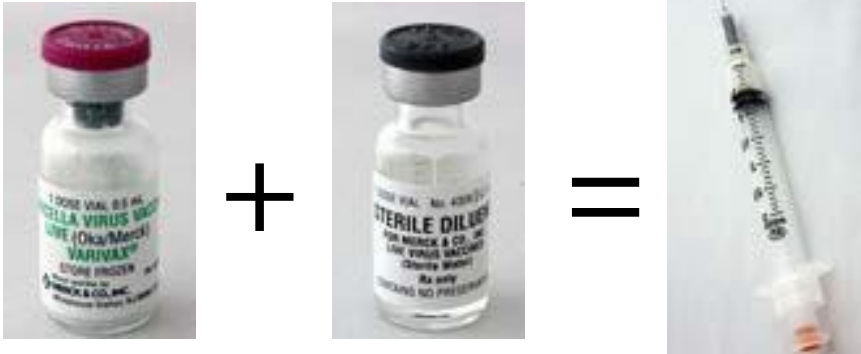
## RV1 (Rotarix)



**Beyond Use Time: If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) or at controlled room temperature up to 25°C (77°F) and discard if not used within 24 hours.**

# Reconstituted Vaccines

## VAR (Varivax)



Lyophilized VAR component

Manufacturer's sterile water diluent

Varivax vaccine

**Beyond Use Time: Discard reconstituted vaccine if not used within 30 minutes.**

## MMRV (ProQuad)



Lyophilized MMRV component

Manufacturer's sterile water diluent

ProQuad vaccine

**Beyond Use Time: Discard reconstituted vaccine if not used within 30 minutes.**

## RZV (Shingrix)



Lyophilized varicella zoster component

Manufacturer's adjuvant suspension

Shingrix vaccine

**Refrigerate both components; do NOT freeze**  
**Beyond Use Time: Discard reconstituted vaccine if not used within 6 hours.**