

# Vaccine Label Examples

Staff can easily become confused about vaccines within the storage unit. 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 the vaccines are organized within the storage unit, labels can be placed on the containers or bins or directly attached to the shelves where the vaccines are placed. Other helpful strategies to prevent vaccine administration errors include color coding the 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 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 the 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 that vaccines be stored in the original packaging to protect 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.

# 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

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## **DTaP (Infanrix)**

**Ages:** 6 weeks through 6 years

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

**Route:** Intramuscular (IM) injection

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## **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

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

# 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**  
**Should be used immediately after reconstitution**  
**Do NOT administer DTaP-IPV w/o Hib**

## **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. Should be shaken vigorously before injection.

### **Hib (PedvaxHIB)**

**Ages:** 6 weeks through 4 years

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

**Route:** Intramuscular (IM) injection

**Vial stopper contains latex**

### **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. Should be shaken vigorously before injection.

# Hepatitis Vaccines

## HepA (Havrix)-Pediatric Formulation

**Ages:** 12 months through 18 years  
**Use for:** Any dose in the series  
**Route:** Intramuscular (IM) injection

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## HepB (Engerix-B)-Pediatric Formulation

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

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## HepA (Vaqta)-Pediatric Formulation

**Ages:** 12 months through 18 years  
**Use for:** Any dose in the series  
**Route:** Intramuscular (IM) injection

**Vial stopper and syringe plunger stopper and tip cap contain latex**

## HepB (Recombivax HB)-Pediatric Formulation

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

**Vial stopper and syringe plunger stopper and tip cap contain latex**

# Hepatitis Vaccines

## HepA (Havrix)-Adult Formulation

**Ages:** 19 years and older

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

**Route:** Intramuscular (IM) injection

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## HepB (Engerix-B)-Adult Formulation

**Ages:** 20 years and older

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

**Route:** Intramuscular (IM) injection

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## HepA (Vaqta)-Adult Formulation

**Ages:** 19 years and older

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

**Route:** Intramuscular (IM) injection

**Vial stopper and syringe plunger stopper and tip cap contain latex**

## 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

**Vial stopper and syringe plunger stopper and tip cap contain latex**

# Hepatitis Vaccines

## **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 month 12

**Route:** Intramuscular (IM) injection

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

# Human Papillomavirus Vaccines

## 2vHPV (Cervarix)

Administer to females only

**Use for:** 9 years through 26 years

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

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

**Route:** Intramuscular (IM) injection

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## 9vHPV (Gardasil 9)

Administer to females and males

**Use for:** 9 years through 26 years

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

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

**Route:** Intramuscular (IM) injection

## 4vHPV (Gardasil)

Administer to females and males

**Use for:** 9 years through 26 years

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

**Catch-up ages:** 13 years through 26 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 through 55 years  
(certain persons 56 years and older at increased risk)  
**Use for:** Any dose in the series  
**Route:** Intramuscular (IM) injection

## MPSV4 (Menomune)

**Ages:** 56 years and older  
**Use for:** Any dose  
**Route:** Subcutaneous (subcut) injection  
**Reconstitute Meningococcal powder ONLY with manufacturer-supplied distilled water diluent**  
**Beyond Use Time/Date:** Single-dose vials should be used immediately after reconstitution. Multidose vials may be used for up to 35 days after reconstitution if stored at 2°C to 8°C (36°F to 46°F).  
**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## MenACWY-CRM (Menveo)

**Ages:** 2 months through 55 years  
(certain persons 56 years and older at increased risk)  
**Use for:** Any dose in the series  
**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 at or below 25°C (77°F) and discarded if not used within 8 hours.

## Hib-MenCY (MenHibrix)

**Increased risk children:** 6 weeks through 18 months of age  
**Route:** Intramuscular (IM) injection

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

**Beyond Use Time:** Should be used immediately after reconstitution.

# 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**

**Syringe tip cap of prefilled syringe contains latex**

## **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

**Increased risk children** 6 years through 18 years

**Increased risk adults** 19 years and older  
Adults 65 years and older who have never received PCV13

**Route:** Intramuscular (IM) injection

### **PPSV23 (Pneumovax 23)**

**Ages:** Healthy adults 65 years and older

**Increased risk persons** 2 years through 64 years

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

**No more than two doses of PPSV23 recommended before 65th birthday and one dose at 65 years or older.**

## 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**

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## **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

**Syringe tip cap of prefilled syringe may contain latex**

# Tetanus and Diphtheria toxoid- and acellular Pertussis-containing Vaccines

## **Tdap (Adacel)**

**Ages:** 7 years through 10 years

**Use for:** A single dose if not fully vaccinated for pertussis

**Ages:** 11 years and older

**Use for:** A single dose\*

\*Administer Tdap to women during each pregnancy regardless of previous Tdap vaccination history

**Route:** Intramuscular (IM) injection

**Syringe tip cap of prefilled syringe may contain latex**

## **Tdap (Boostrix)**

**Ages:** 7 years through 10 years

**Use for:** A single dose if not fully vaccinated for pertussis

**Ages:** 11 years and older

**Use for:** A single dose\*

\*Administer Tdap to women during each pregnancy regardless of previous Tdap vaccination history

**Route:** Intramuscular (IM) injection

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## 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.**

### **HZV (Zostavax)**

**Recommended ages:** 60 years and older

**Use for:** Single dose

**Route:** Subcutaneous (subcut) injection

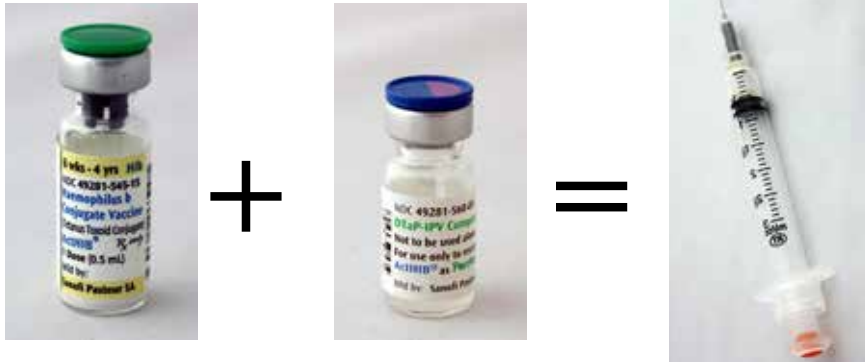
**Reconstitute HZV powder ONLY with manufacturer-supplied sterile water diluent**

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



# Reconstituted Vaccines

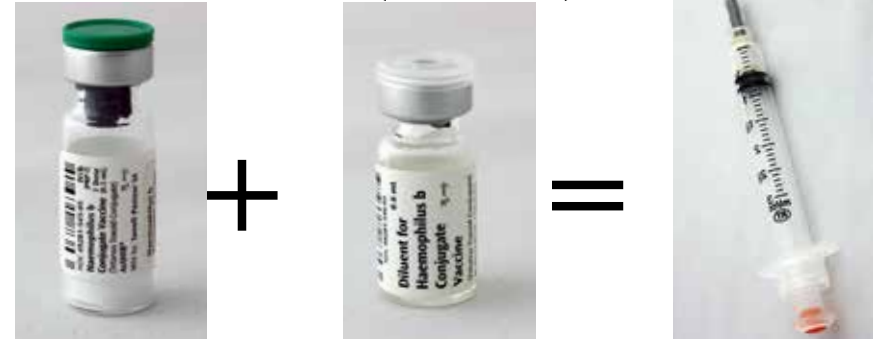
## DTaP-IPV/HIB (Pentacel)



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.**

**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

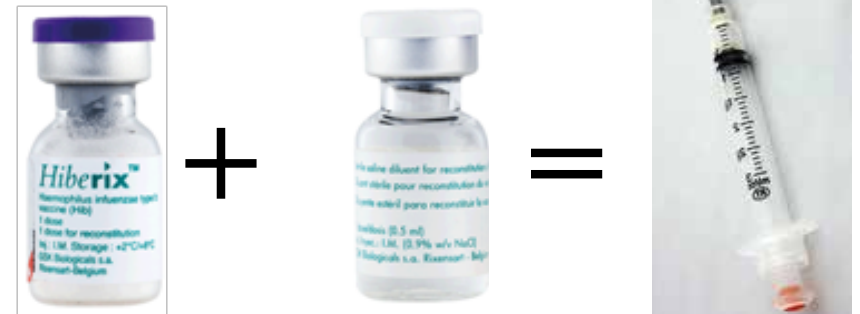
## MMR (M-M-R II)



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)

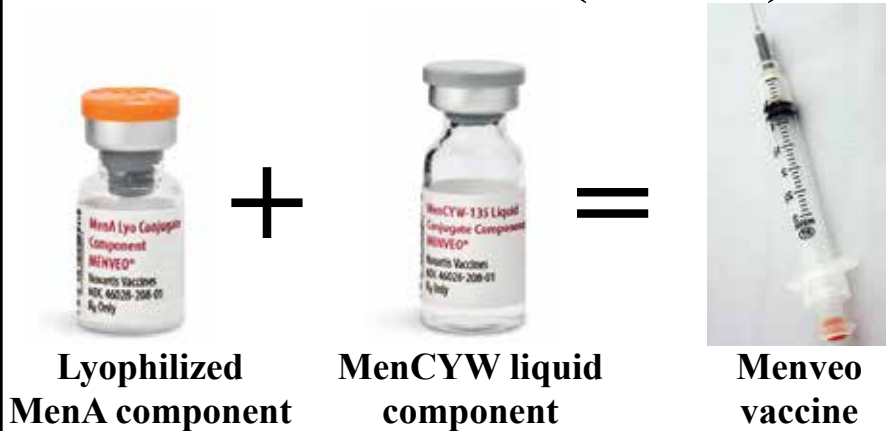


Lyophilized Hib component + Manufacturer's 0.9% sodium chloride diluent = Hiberix vaccine

**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)



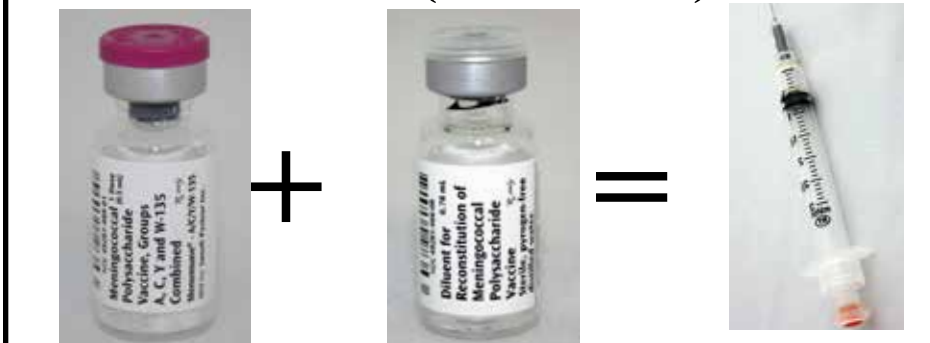
**Lyophilized MenA component**

**MenCYW liquid component**

**Menveo vaccine**

**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

## MPSV4 (Menomune)



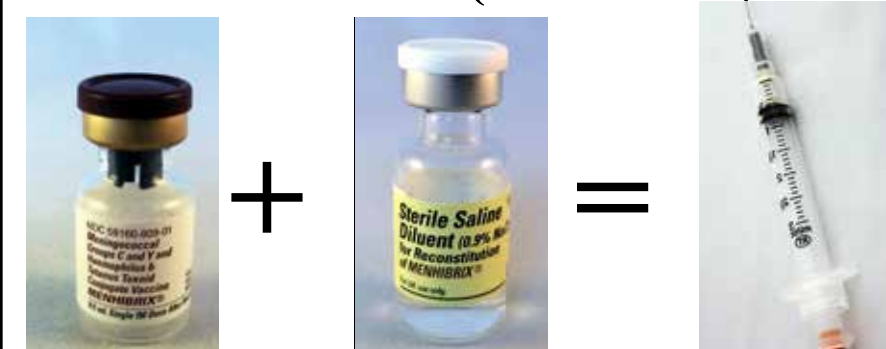
**Lyophilized MenACWY component**

**Manufacturer's distilled water diluent**

**Menomune vaccine**

**Beyond Use Time/Date:** Multidose vial may be used for up to 35 days after reconstitution if stored at 2°C to 8°C (36°F to 46°F).  
**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

## Hib-MenCY (MenHibrix)



**Lyophilized Hib-MenCY component**

**Manufacturer's 0.9% sodium chloride diluent**

**MenHibrix vaccine**

**Beyond Use Time:** Should be used immediately after reconstitution.

## RV1 (Rotarix)



**Lyophilized RV1 component**

**Manufacturer's sterile water-calcium carbonate-xanthan diluent**

**Rotarix vaccine**

**Do NOT inject**

**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.  
**Read the package insert that accompanies the product to check for the presence of natural rubber or latex.**

# Reconstituted Vaccines

## VAR (Varivax)



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**Lyophilized VAR component**

**Manufacturer's sterile water diluent**

**Varivax vaccine**

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

## HZV (Zostavax)



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**Lyophilized HZV component**

**Manufacturer's sterile water diluent**

**Zostavax vaccine**

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

## MMRV (ProQuad)



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**Lyophilized MMRV component**

**Manufacturer's sterile water diluent**

**ProQuad vaccine**

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