

## Vaccine Label Examples

With the large amount of vaccine carried in most clinics, 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 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 vaccine 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. Those labels highlighted in green are for pediatric use, those highlighted in yellow for travel, and those highlighted in blue are military specific vaccines.

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. Additionally, consult the package insert for the “beyond use date” (BUD) for multi-dose vials (MDVs) of vaccine, since for some vaccines, the expiration rule may be different from the normal 28-day rule for medications. Per CDC guidance, MDVs of vaccine can be used until the expiration date printed on the vial unless the vaccine is contaminated or compromised in some way or there is a “beyond use date” noted in the manufacturers’ package insert. Mark MDVs of vaccine (e.g., influenza) and reconstituted MDVs (e.g., smallpox) with the date, time, and initials when first dose is withdrawn and/or vial is reconstituted and with a revised “beyond use date” if required and store at appropriate temperatures when not in use.



Adapted by DHA-IHB, courtesy of the Centers for Disease Control and Prevention

**Diphtheria and Tetanus Toxoid- and acellular Pertussis – containing Vaccines**

**Daptacel® (DTaP)**

**Ages:** 6 weeks through 6 years

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

**Route:** IM

**Kinrix® (DTaP-IPV)**

**Ages:** 4 years through 6 years

**Use for:** DTaP dose #5, IPV dose #4

**Do NOT use for DTaP doses 1 – 4 or IPV doses 1- 3**

**Route:** IM

**Tip cap of prefilled syringe contains latex**

**Infanrix® (DTaP)**

**Ages:** 6 weeks through 6 years

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

**Route:** IM

**Tip cap of prefilled syringe contains latex**

**Pediarix® (DTaP-IPV-HepB)**

**Ages:** 6 weeks through 6 years

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

HepB - Any dose in the series

**Do NOT use for the HepB birth dose**

**Route:** IM

**Tip cap of prefilled syringe contains latex**

**Diphtheria and Tetanus Toxoid- and acellular Pertussis – containing Vaccines**

**Pentacel® (DTaP–IPV-Hib)**

**Ages:** 6 weeks through 4 years

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

**Route:** IM

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

**Do NOT administer DTaP-IPV w/o Hib**

Beyond Use Time: Use immediately after reconstitution.

**Vaxelis® (DTaP–IPV-HepB-Hib)**

**Ages:** 6 weeks through 4 years

**Use for:** DTaP & IPV doses #1, #2, and/or #3  
HepB – Any dose in the series  
(Do not use for HepB birth dose)  
Hib - Any dose in the series

**Route:** IM

**[Store in original package to protect from light](#)**

**Quadracel® (DTaP-IPV)**

**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:** IM

**Haemophilus influenzae type b – containing Vaccines**

**ActHIB® (Hib)**

**Ages:** 6 weeks through 4 years

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

**Route:** IM

***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 vigorously before injection.**

**PedvaxHIB® (Hib)**

**Ages:** 6 weeks through 4 years

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

**Route:** IM

**Vial stopper contains latex**

**Hiberix® (Hib)**

**Ages:** 6 weeks through 4 years

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

**Route:** IM

***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 vigorously before injection.**

**Store in original package to protect from light**

## Hepatitis Vaccines

### **Havrix® (HepA)**

#### **Pediatric Formulation**

**Ages:** 12 months through 18 years

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

**Route:** IM

Tip cap of prefilled syringe contains latex

### **Engerix-B® (HepB)**

#### **Pediatric Formulation**

**Ages:** Birth through 19 years

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

**Route:** IM

Tip cap of prefilled syringe contains latex

### **Vaqta® (HepA)**

#### **Pediatric Formulation**

**Ages:** 12 months through 18 years

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

**Route:** IM

Vial stopper and syringe plunger stopper and tip cap contains latex

### **Recombivax HB® (HepB)**

#### **Pediatric Formulation**

**Ages:** Birth through 19 years

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

**Route:** IM

Vial stopper and syringe plunger stopper and tip cap contains latex

Store in original package to protect from light

## **Hepatitis Vaccines**

### **Havrix® (HepA)**

#### **Adult Formulation**

**Ages:** 19 years and older

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

**Route:** IM

Syringe tip cap contains latex

### **Engerix-B® (HepB)**

#### **Adult Formulation**

**Ages:** 20 years and older

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

**Route:** IM

Syringe tip cap contains latex

### **Vaqa® (HepA)**

#### **Adult Formulation**

**Ages:** 19 years and older

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

**Route:** IM

Vial stopper and syringe plunger stopper and tip cap contains latex

### **Recombivax HB® (HepB)**

#### **Adult Formulation**

**Ages:** 20 years and older

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

**Route:** IM

Vial stopper and syringe plunger stopper and tip cap contains latex

Store in original package to protect from light

## Hepatitis Vaccines

### **Hepelisav-B® (HepB)**

**Ages:** 18 years and older

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

**Route:** IM

### **Twinrix® (HepA–HepB)**

**Ages:** 18 years and older

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

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

**Route:** IM

Syringe tip cap contains latex

## Human Papillomavirus Vaccines

### **Gardasil®9 (9vHPV)**

**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:** IM

Protect from light at all times

## Measles – Mumps – Rubella Vaccine

### **M-M-R II® (MMR) - \*LIVE\***

**Ages:** 12 months and older

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

**Route:** SC

**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.

Protect from light at all times

**2020-2021 Influenza Season Vaccines (contracted by DoD)**

**Afluria® (IIV4)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 6 months and older

**Dosage:** 0.25 mL for 6 months through 35 months  
0.5 mL for 3 years and older

**Route:** IM

**Beyond Use Date: Once the stopper of the multi-dose vial has been pierced, discard within 28 days**

**No more than 10 doses (0.25 mL or 0.5 mL) should be withdrawn from the multi-dose vial.**

*May use PharmaJet® Stratis® Needle-free Injection System for 18 years through 64 years*

[Store in original package to protect from light](#)

**Fluad® (aIIV4)**

**(Quadrivalent Inactivated Influenza Vaccine, Adjuvanted)**

**Ages:** 65 years and older

**Dosage:** 0.5 mL

**Route:** IM

[Store in original package to protect from light](#)

**Flucelvax® (ccIIV4)**

**(Quadrivalent Cell Culture Inactivated Influenza Vaccine)**

**Ages:** 4 years and older

**Dosage:** 0.5 mL

**Route:** IM

[Store in original package to protect from light](#)

**Fluzone® Southern Hemisphere (SH-IIV4)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 6 months and older

**Dosage:** 0.5 mL

**Route:** IM

**2020-2021 Influenza Season Vaccines (available thru Direct Vender Delivery (DVD))**

**Fluarix® (IIV4)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 6 months and older

**Dosage:** 0.5 mL

**Route:** IM

[Store in original package to protect from light](#)

**FluLaval® (IIV4)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 6 months and older

**Dosage:** 0.5 mL

**Route:** IM

[Store in original package to protect from light](#)

**FluBlok® (RIV4)**

**(Quadrivalent Recombinant Inactivated Influenza Vaccine)**

**Ages:** 18 years and older

**Dosage:** 0.5 mL

**Route:** IM

**Does NOT contain egg protein**

**Fluzone® High-Dose (HD-IIV4)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 65 years and older

**Dosage:** 0.7 mL

**Route:** IM

**Do NOT administer to anyone younger than 65 years of age**

**IIV:** \_\_\_\_\_  
(Product Name)

**Ages:** \_\_\_\_\_

**Dosage:** \_\_\_\_\_

**Route:** IM

**2020-2021 Influenza Season Vaccines (available thru Direct Vender Delivery (DVD))**

**FluMist® (LAIV4)**

**(Quadrivalent Live Attenuated Influenza Vaccine)**

**Ages:** 2 years through 49 years

**Dosage:** 0.2 mL (0.1 mL in each nostril)

**Do NOT Give to:** Pregnant; immunocompromised; children 2 through 4 years with asthma or any wheezing within last 12 months in medical record or by health care provider; influenza antiviral taken within past 48 hours; close contacts or caregivers of severely immunosuppressed; children and adolescents taking concomitant aspirin- or salicylate- containing therapy.

**Route:** IN (Intranasal) - **Do NOT Inject**

**Store in original package to protect from light**

**2020-2021 Influenza Season Vaccines (not contracted by DoD)**

**Fluzone® (IIV4)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 6 months and older

**Dosage:** 0.25 mL for 6 months through 35 months  
0.5 mL for 3 years and older

**Route:** IM

**A maximum of 10 doses can be withdrawn from the multi-dose vial.**

## Meningococcal Vaccines

### **Menactra® (MenACWY-D)**

**Ages:** 9 months and older

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

**Route:** IM

### **MenQuadfi® (MenACWY-TT)**

**Ages:** 2 years and older

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

**Route:** IM

### **Menveo® (MenACWY-CRM)**

**Ages:** 2 months and older

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

**Route:** IM

***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 discard if not used within 8 hours.

[Store in original package to protect from light](#)

## Meningococcal B Vaccines

### **Bexsero® (MenB-4C)**

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

**Ages:** 10 years and older

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

**Route:** IM

**Syringe tip cap contains latex**

Store in original package to protect from light

### **Trumenba® (MenB-FHbp)**

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

**Ages:** 10 years and older

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

**Route:** IM

## Pneumococcal Vaccines

### **Prevnar 13® (PCV13)**

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

**Certain high-risk groups:** 6 years and older who have never received PCV13

**All adults 65 years and older:** who have never received PCV13 may receive a dose per shared clinical decision-making

**Route:** IM

### **Pneumovax 23® (PPSV23)**

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

**Certain high-risk groups:** 2 years through 64 years

**Route:** IM or SC

**No more than two doses of PPSV23 recommended before 65th birthday and one (1) dose at 65 years or older.**

## Poliovirus Vaccine

### **IPOL® (IPV)**

**Ages:** 6 weeks and older

**Use for:** Any dose in series

**Route:** IM or SC

[Store in original package to protect from light](#)

## Rotavirus Vaccines

### **Rotarix® (RV1) - \*LIVE\***

**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**

*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.

Tip cap for the diluent oral applicator contains latex

[Protect from light at all times](#)

### **RotaTeq® (RV5) - \*LIVE\***

**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**

[Protect from light at all times](#)

**Tetanus and Diphtheria Toxoid- containing vaccines**

**Tenivac® (Td)**

**Ages:** 7 years and older

**Use for:** Primary series and booster doses for persons previously vaccinated with Tdap

**Route:** IM

Syringe tip cap contains latex

**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:** IM

**Td (Generic)**

**Ages:** 7 years and older

**Use for:** Primary series and booster doses for persons previously vaccinated with Tdap

**Route:** IM

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

**Adacel® (Tdap)**

**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:** IM

Syringe tip cap contains latex

**Boostrix® (Tdap)**

**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:** IM

Syringe tip cap contains latex

Frozen Varicella – containing Vaccines

**Varivax® (VAR) - \*LIVE\***

**Ages:** 12 months and older

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

**Route:** SC

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

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

[Protect from light before reconstitution](#)

**ProQuad® (MMRV) - \*LIVE\***

**Ages:** 12 months through 12 years

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

**Route:** SC

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

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

[Protect from light at all times](#)

Refrigerated Varicella-containing Vaccine

**Shingrix® (RZV)**

**Refrigerate both components; Do NOT freeze**

**Ages:** 50 years and older

**Use for:** Immunocompetent adults aged 50 yrs and older immunocompetent adults who previously received Zostavax (ZVL)

**Route:** IM

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

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

[Protect from light at all times](#)

## Travel Vaccines

### **Imovax® (Rabies-HDCV)**

**Ages:** All age groups

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

**Route:** IM

*Reconstitute RAB-HDCV powder with ONLY manufacturer-supplied sterile water diluent*

Beyond Use Time: Use immediately after reconstitution.

### **YF-VAX® (Yellow Fever) - \*LIVE\***

**Ages:** 9 months of age and older

**Use for:** Any dose and booster

**Route:** SC

*Reconstitute YF-VAX powder with ONLY 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 60 minutes.

### **RabAvert® (Rabies-PCECV)**

**Ages:** All age groups

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

**Route:** IM

*Reconstitute RAB-PCECV powder with ONLY manufacturer-supplied sterile water diluent*

Beyond Use Time: Use immediately after reconstitution.

[Store in original package to protect from light](#)

### **IXIARO® (Japanese Encephalitis)**

**Ages:** 2 months through <3 years of age

**Use for:** Any 0.25 mL dose in primary series and booster  
14 months to <3 years of age

**Ages:** 3 years of age and older

**Use for:** Any 0.5mL dose in primary series and booster

**Route:** IM

[Store in original package to protect from light](#)

## Travel Vaccines (continued)

### **Typhim Vi® (Typhoid)**

**Ages:** 2 years of age and older

**Use for:** Any dose and booster

**Route:** IM

### **Vivotif® (Oral Typhoid) - \*LIVE\***

**Ages:** 6 years of age and older

**Use for:** All doses in series and booster

**Route:** Oral (PO) – 4 doses on an alternate day interval (1, 3, 5 & 7)

### **Vaxchora® (Cholera) - \*LIVE\***

**Ages:** 18 through 64 years of age

**Use for:** Single dose a minimum of 10 days before potential exposure

**Route:** Oral (PO)

*Reconstitute manufacturer-supplied CVD 103-HgR powder and packet of buffer ONLY with purified bottled water (not provided)*

**Beyond Use Time:** Consume within 15 minutes after reconstitution.

**Protect from light and moisture at all times.**

## Military Specific Vaccines

### **ACAM2000® (Smallpox) - \*LIVE\***

**Ages:** Adult population

**Use for:** Any dose and booster

**Route:** Percutaneous 15 jabs with a bifurcated needle

*Reconstitute ACAM2000 powder ONLY with 0.3mL of manufacturer-supplied 50% glycerin, 0.25% phenol, and sterile water diluent*

**Beyond Use Time:** After reconstitution store at 2°C to 8°C (36°F to 46°F) and discard reconstituted vaccine if not used within 30 days.

### **BioThrax® (Anthrax)**

**Ages:** 18 through 65 years of age

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

**Schedule:** 0 & 4 weeks, 6, 12, and 18 months

**Route:** IM

**Beyond Use Date:** Once the stopper of the multi-dose vial has been pierced, discard within 28 days

*Vial stopper contains latex*

### **Adenovirus Type 4 and Type 7 - \*LIVE\***

**Ages:** 17 through 50 years of age

**Use for:** One-time dose in military recruits

**Route:** Oral (PO) (2 enteric-coated tablets: (1) Type-4 and (1) Type-7)

Keep bottle tightly closed and protect from moisture.

## COVID-19 Vaccines

### **Pfizer-BioNTech COVID-19 (mRNA-LNP)**

*COVID-19 vaccines are NOT interchangeable  
Complete series with same vaccine product*

**Ages:** 16 years and older

**Use for:** 2-dose series, 21 days apart

**Route:** IM – 0.3 mL dose

*Reconstitute Pfizer-BioNTech COVID-19 vaccine with **ONLY**  
manufacturer-supplied 0.9% sodium chloride diluent*

Beyond Use Date: Use within 6 hours of mixing.

Store in original package to protect from light

### **Janssen (J&J) COVID-19 (rS-Ad26)**

*COVID-19 vaccines are NOT interchangeable  
Complete series with same vaccine product*

**Ages:** 18 years and older

**Use for:** Single 0.5mL dose

**Route:** IM

Beyond Use Date: Once the stopper of the 5-dose multi-dose vial has been  
pierced, hold the vial between 2° to 8°C (36° to 46°F) for up to 6 hours or at  
room temperature (maximally 25°C/77°F) for up to 2 hours.

Store in original package to protect from light

### **Moderna COVID-19 (mRNA-LNP)**

*COVID-19 vaccines are NOT interchangeable  
Complete series with same vaccine product*

**Ages:** 18 years and older

**Use for:** 2-dose series, 28 days apart

**Route:** IM – 0.5 mL dose

Beyond Use Date: Once the stopper of the 10-dose multi-dose vial has been  
pierced, discard within 6 hours

Store in original package to protect from light