

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-IHD, 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.

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

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

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)

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

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

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.

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.

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 (BNT162b2)

*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: Once the stopper of the 5-dose multi-dose vial has been
pierced, discard within 6 hours

Moderna COVID-19 (mRNA-1273)

*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