

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 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 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

Syringe tip cap of prefilled syringe contains latex

DTaP (Infanrix)

Ages: 6 weeks through 6 years

Use for: Any dose in the series

Route: Intramuscular (IM) injection

Syringe tip cap of prefilled syringe contains 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

Syringe tip cap of prefilled syringe contains 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

Syringe tip cap of prefilled syringe contains latex

HepB (Engerix-B)-Pediatric Formulation

Ages: Birth through 19 years

Use for: Any dose in the series

Route: Intramuscular (IM) injection

Syringe tip cap of prefilled syringe contains 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

Syringe tip cap of prefilled syringe contains latex

HepB (Engerix-B)-Adult Formulation

Ages: 20 years and older

Use for: Any dose in the series

Route: Intramuscular (IM) injection

Syringe tip cap of prefilled syringe contains 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

Syringe tip cap of prefilled syringe contains latex

Human Papillomavirus Vaccines

9vHPV (Gardasil 9)

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 and older

(certain persons 56 years and older at increased risk)

Use for: Any dose in the series

Route: Intramuscular (IM) injection

MenACWY-CRM (Menveo)

Ages: 2 months and older

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.

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 who have never received PCV13

Increased risk adults 19 years through 64 years who have never received PCV13

All 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

Tip cap of prefilled diluent oral applicator contains 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*

*Exceptions: 1 dose in each pregnancy; may receive 1 additional dose at 11 or 12 years if a dose received at 7-10 years

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*

*Exceptions: 1 dose in each pregnancy; may receive 1 additional dose at 11 or 12 years if a dose received at 7-10 years

Route: Intramuscular (IM) injection

Syringe tip cap of prefilled syringe contains latex

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.**

ZVL (Zostavax)

Recommended ages: 60 years and older

Use for: Single dose

Route: Subcutaneous (subcut) injection

**Reconstitute frozen ZVL 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: 50 years and older

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

Route: Intramuscular (IM) injection

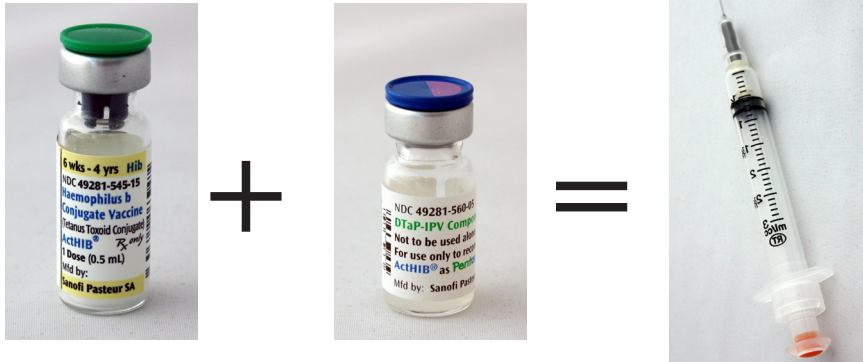
Refrigerate both components; Do NOT freeze

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

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

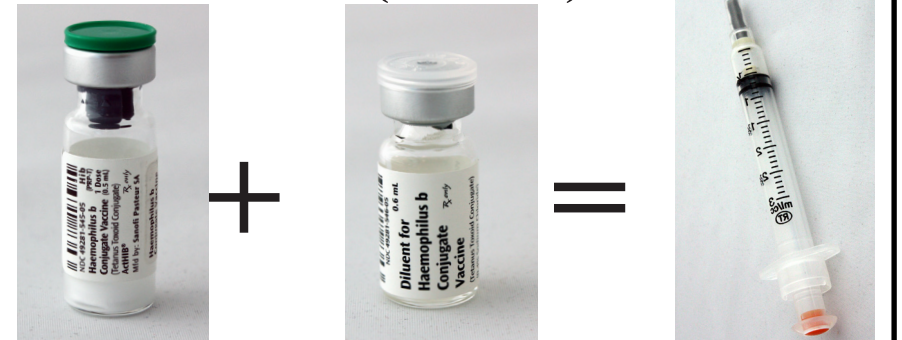
Reconstituted Vaccines

DTaP-IPV/HIB (Pentacel)



Lyophilized Hib component + **Manufacturer's DTaP-IPV liquid component** = **Pentacel vaccine**
Should be used immediately after reconstitution

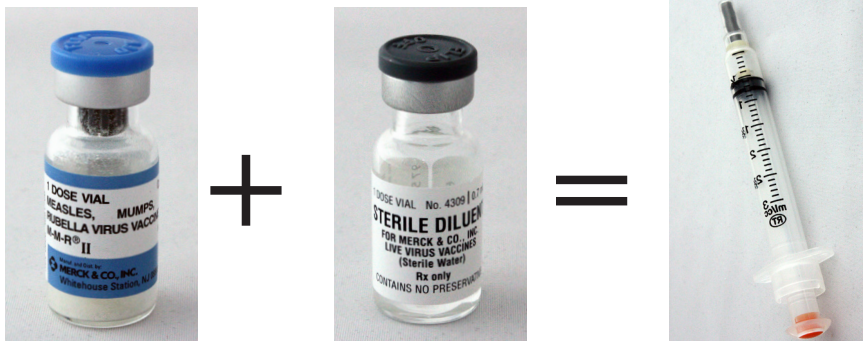
Hib (ActHIB)



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.

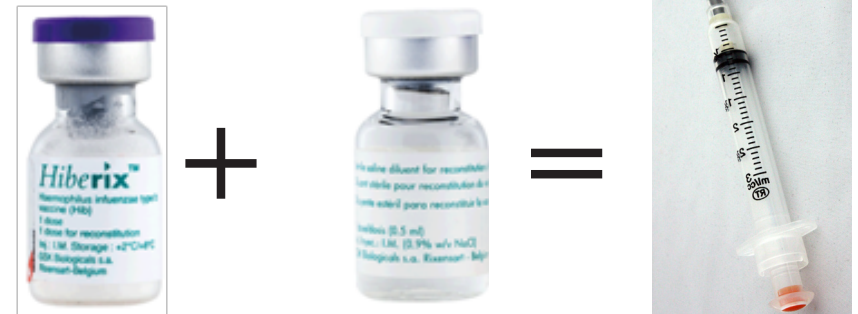
MMR (M-M-R II)



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)

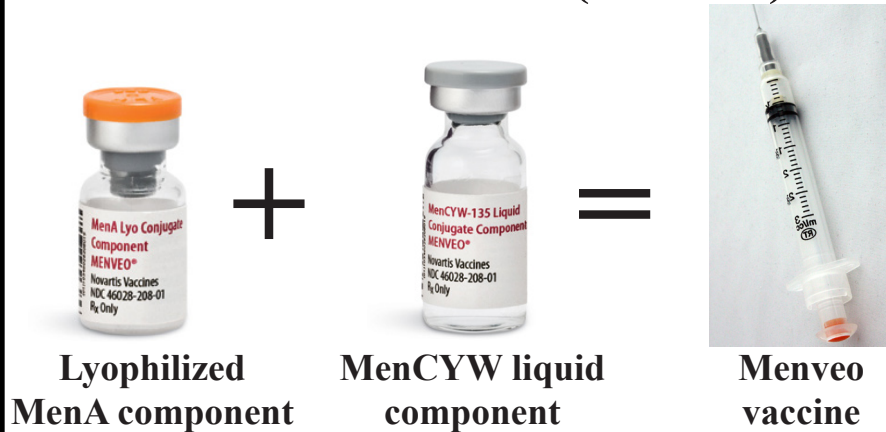


Lyophilized Hib component + **Manufacturer's 0.9% sodium chloride diluent** = **Hiberix vaccine**

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.

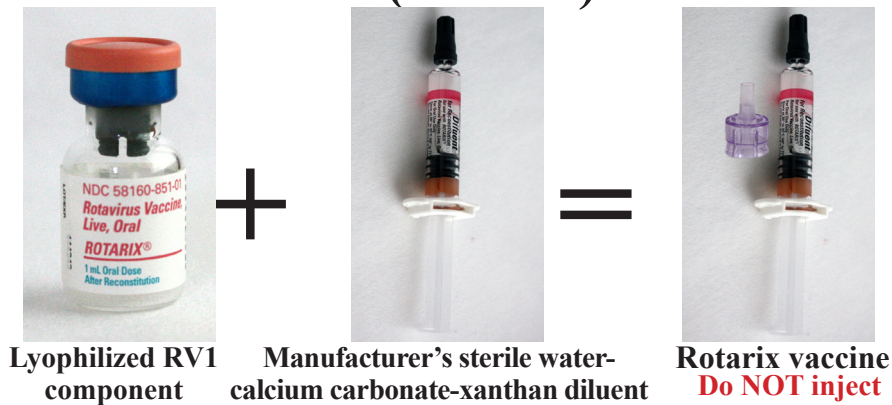
Reconstituted Vaccines

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.

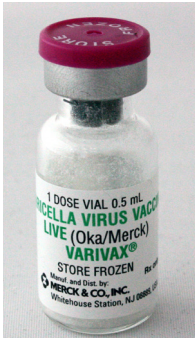
RV1 (Rotarix)



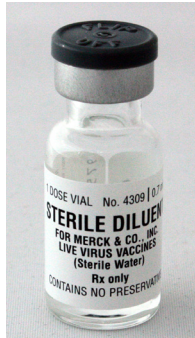
Beyond Use Time: If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) or at controlled room temperature up to 25°C (77°F) and discard if not used within 24 hours.
Tip cap of prefilled diluent oral applicator contains latex

Reconstituted Vaccines

VAR (Varivax)



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Lyophilized VAR component

Manufacturer's sterile water diluent

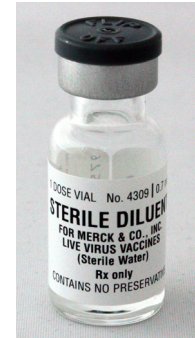
Varivax vaccine

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

ZVL (Zostavax)



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Lyophilized ZVL component

Manufacturer's sterile water diluent

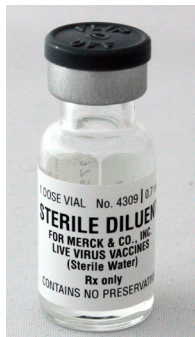
Zostavax vaccine

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.

RZV (Shingrix)



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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.