Healthcare professionals can easily confuse different influenza vaccines within the storage unit. Labeling the area or container 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 storage units, labels can be placed on vaccine storage containers or bins, or directly attached to shelving where the vaccines are placed. Other helpful strategies to identify the correct vaccine include color-coding the labels (e.g., one color for pediatric and another for adult vaccines) and providing additional information such as age indications and other information unique to the vaccine. The Centers for Disease Control and Prevention (CDC) also recommends that vaccines be stored in the original packaging to help maintain the recommended temperature range, and to help prevent administration errors [see CDC vaccine storage and handling toolkit found at https://www.cdc.gov/vaccines/hcp/admin/storage/toolkit/index.html].

The following labels are examples that may be used to help organize 2022-23 seasonal influenza vaccines. These labels are based on manufacturer packaging information which is summarized in the recommendations of the Advisory Committee on Immunization Practices (ACIP) for the prevention and control of influenza during the 2022–2023 influenza season [found at https://www.cdc.gov/mmwr/volumes/71/rr/rr7101a1.htm]. Healthcare professionals should refer to the ACIP summary of recommendations to ensure existing influenza vaccine labels and new labels contain correct product-specific information.
Afluria Quadrivalent (IIV4)  
(*Quadrivalent Inactivated Influenza Vaccine*)  
0.5 mL Manufacturer-Filled Syringe

**Ages:**  3 years or older  
**Dosage:**  0.5 mL  
**Route:**  Intramuscular (IM) injection  

**Protect from light**
Afluria Quadrivalent (IIV4)

(Quadrivalent Inactivated Influenza Vaccine)

5 mL Multi-dose Vial

Ages: 6 months or older

Dosage:
- 0.25 mL for age 6 months through 35 months
- 0.5 mL for age 3 years or older

Route: Intramuscular (IM) injection

Protect from light

Beyond Use Date: Discard within 28 days after the vial has been opened or punctured.

Number of needle punctures should not exceed 20 per multidose vial.

PharmaJet® Stratis® Needle-Free Injection System: ages 18 years through 64 years only
Fluarix Quadrivalent (IIV4)
(Quadrivalent Inactivated Influenza Vaccine)
0.5 mL Manufacturer-Filled Syringe

Ages: 6 months or older
Dosage: 0.5 mL
Route: Intramuscular (IM) injection

Store in original package to protect from light

FluLaval Quadrivalent (IIV4)
(Quadrivalent Inactivated Influenza Vaccine)
0.5 mL Manufacturer-Filled Syringe

Ages: 6 months or older
Dosage: 0.5 mL
Route: Intramuscular (IM) injection

Store in original package to protect from light
Fluzone Quadrivalent (IIV4)
(Quadrivalent Inactivated Influenza Vaccine)

0.5 mL Manufacturer-Filled Syringe

Ages: 6 months or older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

Fluzone Quadrivalent (IIV4)
(Quadrivalent Inactivated Influenza Vaccine)

0.5 mL Single-Dose Vial

Ages: 6 months or older

Dosage: 0.25 mL or 0.5 mL for age 6 through 35 months

0.5 mL for age 3 years or older

Route: Intramuscular (IM) injection

Withdraw one dose only and discard unused portion.
Fluzone Quadrivalent (IIV4)

*(Quadrivalent Inactivated Influenza Vaccine)*

**5 mL Multi-dose Vial**

**Ages:** 6 months or older

**Dosage:** 0.25 mL *or* 0.5 mL for age 6 through 35 months

0.5 mL for age 3 years or older

**Route:** Intramuscular (IM) injection

*No more than 10 doses should be withdrawn from each Multi-dose vial*

---

Fluzone High-Dose Quadrivalent (HD-IIIV4)

*(High-Dose Quadrivalent Inactivated Influenza Vaccine)*

**0.7 mL Manufacturer-Filled Syringe**

**Ages:** 65 years or older

**Dosage:** 0.7 mL

**Route:** Intramuscular (IM) injection
Fluad Quadrivalent (aIIV4)
(Adjuvanted Quadrivalent Inactivated Influenza Vaccine)

0.5 mL Manufacturer-Filled Syringe

Ages: 65 years or older
Dosage: 0.5 mL
Route: Intramuscular (IM) injection

Protect from light

Flucelvax Quadrivalent (ccIIV4)
(Quadrivalent Cell Culture Inactivated Influenza Vaccine)

0.5 mL Manufacturer-Filled Syringe

Ages: 6 months or older
Dosage: 0.5 mL
Route: Intramuscular (IM) injection

Protect from light
Does NOT contain egg protein
**Flucelvax Quadrivalent (ccIIIV4)**

*Quadrivalent Cell Culture Inactivated Influenza Vaccine*

- **5 mL Multi-dose Vial**
- **Ages:** 6 months and older
- **Dosage:** 0.5 mL
- **Route:** Intramuscular (IM) injection
  
  **Protect from light**
  
  **Does NOT contain egg protein**

**Flublok Quadrivalent (RIV4)**

*Quadrivalent Recombinant Influenza Vaccine*

- **0.5 mL Manufacturer-Filled Syringe**
- **Ages:** 18 years or older
- **Dosage:** 0.5 mL
- **Route:** Intramuscular (IM) injection
  
  **Protect syringes from light**
  
  **Does NOT contain egg protein**
# FluMist Quadrivalent (LAIV4)

*(Quadrivalent Live Attenuated Influenza Vaccine)*

0.2 mL Manufacturer-Filled Single-Use Intranasal Sprayer

**Ages:**  2 years through 49 years

**Dosage:**  0.2 mL (0.1 mL per nostril)

**Route:**  Intranasal

*Keep in outer carton to protect from light*