

# INFLUENZA VACCINE COMPARISONS (2018–2019 SEASON)

## Storage and Handling

- Store refrigerated at 2–8°C (36–46°F)
- Do not freeze; discard if product has been frozen
- Protect from light
- Do not use influenza vaccine beyond the expiration date printed on the label
- Once the stopper of the multi-dose vial has been pierced, the vial must be discarded within 28 days

Brand	Indicated Age	Route	Allergies <sup>1</sup>	Mercury content (mcg Hg/0.5mL)	How Supplied
<b>INACTIVATED INFLUENZA VACCINE, TRIVALENT (IIV3), STANDARD DOSE</b>					
<b>Afluria</b>	≥5yrs	IM	egg protein, neomycin, polymyxin	0	0.5mL single-dose prefilled syringe
				24.5	5mL multi-dose vial <sup>2</sup>
<b>INACTIVATED INFLUENZA VACCINE, TRIVALENT (IIV3), HIGH DOSE</b>					
<b>Fluzone High-Dose</b>	≥65yrs	IM	egg protein	0	0.5mL single-dose prefilled syringe
<b>INACTIVATED INFLUENZA VACCINE, TRIVALENT, ADJUVANTED (aIIV3)</b>					
<b>Fluad</b>	≥65yrs	IM	egg protein, neomycin, kanamycin	0	0.5mL single-dose prefilled syringe
<b>INACTIVATED INFLUENZA VACCINE, QUADRIVALENT (IIV4), STANDARD DOSE</b>					
<b>Afluria Quadrivalent</b>	≥5yrs	IM	egg protein, neomycin, polymyxin	0	0.5mL single-dose prefilled syringe
				24.5	5mL multi-dose vial <sup>2</sup>
<b>Fluarix Quadrivalent</b>	≥6mos	IM	egg protein	0	0.5mL single-dose prefilled syringe
<b>FluLaval Quadrivalent</b>	≥6mos	IM	egg protein	0	0.5mL single-dose prefilled syringe
				<25	5mL multi-dose vial
<b>Fluzone Quadrivalent</b>	6–35mos	IM	egg protein	0	0.25mL single-dose prefilled syringe
	≥6mos			25	5mL multi-dose vial
	≥36mos			0	0.5mL single-dose prefilled syringe, 0.5mL single-dose vial
<b>INACTIVATED INFLUENZA VACCINE, QUADRIVALENT, CELL-CULTURE-BASED (ccIIV4)</b>					
<b>Flucelvax Quadrivalent</b>	≥4yrs	IM		0	0.5mL single-dose prefilled syringe
				25	5mL multi-dose vial
<b>LIVE, ATTENUATED INFLUENZA VACCINE, QUADRIVALENT (LAIV4)</b>					
<b>FluMist Quadrivalent</b>	2–49yrs	IN	egg protein, gelatin, arginine, gentamicin	0	0.2mL single-dose prefilled nasal spray
<b>RECOMBINANT INFLUENZA VACCINE, QUADRIVALENT (RIV4)</b>					
<b>Flublok Quadrivalent</b>	≥18yrs	IM		0	0.5mL single-dose prefilled syringe

## NOTES

**Key:** IM = intramuscular; ID = intradermal; IN = intranasal  
**IM:** For adults and older children, the recommended site of IM administration is the deltoid muscle. The preferred site for infants and young children is the anterolateral aspect of the thigh. Specific guidance regarding site and needle length for intramuscular administration can be found in ACIP's General Recommendations on Immunization.  
<sup>1</sup> Persons with a history of egg allergy may receive any licensed, recommended influenza vaccine appropriate for recipient's age and health status. Those who report having had reactions to egg involving symptoms other than urticaria (hives), or who required epinephrine or another emergency medical intervention, should be vaccinated in an inpatient or outpatient medical setting, under the supervision of a healthcare provider who is able to recognize and manage severe allergic reactions.  
<sup>2</sup> May be administered by needle/syringe (≥5yrs) or PharmaJet Stratis Needle-Free Injection System (18–64yrs only).  
 Immunization providers should review FDA-approved prescribing information for 2018–2019 influenza vaccines for the most updated information, including (but not limited to) indications, contraindications, and precautions. Table listing reflects vaccines expected to be available during the 2018–2019 influenza season. This information is subject to change. For information on individual vaccines, see the product entries, contact the manufacturer, or call the National Immunization Hotline at (800) 232-4636.

## REFERENCES

Grohskopf LA, Sokolow LZ, Broder KR, et al. Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices — United States, 2018–2019 Influenza Season. *MMWR Recomm Rep.* 2018;67(No. RR-3):1–20. <https://www.cdc.gov/mmwr/volumes/67/rr/rr6703a1.htm> (Rev. 9/2018)