

Latex in Vaccine Packaging

“Immediate-type allergic reactions due to latex allergy have been described after vaccination, but such reactions are rare. If a person reports a severe anaphylactic allergy to latex, vaccines supplied in vials or syringes that contain natural rubber latex should be avoided if possible. If not, if the decision is made to vaccinate, providers should be prepared to treat immediate allergic reactions due to latex, including anaphylaxis. The most common type of latex hypersensitivity is a delayed-type (type 4, cell-mediated) allergic contact dermatitis. For patients with a history of contact allergy to latex, vaccines supplied in vials or syringes that contain dry natural rubber or natural rubber latex may be administered.”

(ACIP General Best Practice Guidelines for Immunization)

The information on this table is from manufacturers’ package inserts, as found on the FDA’s website (www.fda.gov/BiologicsBloodVaccines/Vaccines/ApprovedProducts/ucm093833.htm). The date of the package insert as of February 2020 is shown in brackets. If the date contains an asterisk (*), the PI was not dated and this is the date the PI was reviewed. **If in doubt, check the manufacturer’s package insert that came with the vaccine you are using.**

| Vaccine | | Latex? |
|---|-------------------------------|-----------------------------|
| Adenovirus (Adenovirus Type 4 and Type 7) [10/19] | | NO |
| Anthrax (Biothrax) [11/15] | | YES |
| Cholera (Vaxchora) [6/16] | | NO |
| Dengue (Dengvaxia) [6/19] | | NO |
| DTaP | Daptacel [12/18] | NO |
| | Infanrix [12/18] | YES – Syringe NO – Vial |
| DT (Sanofi) [6/18] | | NO |
| Hib | Hiberix [4/18] | NO |
| | PedvaxHIB [10/18] | YES |
| | ActHIB [5/19] | NO |
| Hepatitis A | Havrix [2/20*] | YES – Syringe NO – Vial |
| | Vaqta [12/18] | YES – Syringe YES – Vial |
| Hepatitis B | Engerix-B [2/20*] | YES – Syringe NO – Vial |
| | Recombivax HB [12/18] | YES – Syringe YES – Vial |
| | Heplisav-B [2017] | NO |
| HPV | Gardasil-9 [10/18] | NO |
| Influenza | Afluria Quadrivalent [12/19] | NO |
| | Fluad [4/19] | NO |
| | Fluarix Quadrivalent [©2019] | NO |
| | Flublok Quadrivalent [4/19] | NO |
| | Flucelvax Quadrivalent [8/19] | NO |
| | FluLaval Quadrivalent [2/20*] | NO |
| | FluMist Quadrivalent [8/19] | NO |
| | Fluzone High-Dose [1/19] | NO |
| | Fluzone Quadrivalent [2019] | NO |

| Vaccine | | Latex? |
|---------------------------------------|-----------------------|---|
| Japanese Encephalitis (Ixiaro) [9/18] | | NO |
| Kinrix [12/18] | | YES – Syringe NO – Vial |
| MMR (M-M-R II) [2/20*] | | NO |
| MMRV (ProQuad) [2/20*] | | NO |
| Meningococcal | Menactra [4/26/18] | NO |
| | Menveo [2/20*] | NO |
| | Bexsero [2/20*] | YES |
| | Trumenba [2018] | NO |
| Quadracel [1/19] | | NO |
| Pediarix [2/20*] | | YES |
| Pentacel [1/19] | | NO |
| Pneumococcal | Pneumovax 23 [2/20*] | NO |
| | Prevnar 13 [8/17] | NO |
| Polio (IPOL) [2/20*] | | NO |
| Rabies | Imovax Rabies [10/19] | NO |
| | RabAvert [©2018] | NO |
| Rotavirus | RotaTeq [2/17] | NO |
| | Rotarix [2/20*] | YES |
| Td | Tenivac [11/19] | YES – Syringe NO – Vial |
| | TDVAX [9/18] | NO |
| Tdap | Adacel [1/19] | YES [†] – Syringe NO – Vial |
| | Boostrix [2/20*] | YES – Syringe NO – Vial |
| Twinrix * | | YES |
| Typhoid | Typhim Vi [3/14] | NO |
| | Vivotif Berna [9/13] | NO |
| Varicella (Varivax) [2/20*] | | NO |
| Vaccinia (Smallpox) (ACAM2000) [3/18] | | NO |
| Vaxelis [12/18] | | NO |
| Yellow Fever (YF-Vax) [2/19] | | NO |
| Zoster (Shingles) | Zostavax [1/19] | NO |
| | Shingrix [2/20*] | NO |

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[†]The tip caps of some lots of Adacel prefilled syringes contain latex while others do not. Check the package insert that came with your vaccine, if necessary.