

Appendix B

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)

| Vaccine (Trade Name) | Package Insert Date | Latex (Yes/No) ^(a) |
|---|------------------------|-------------------------------|
| Adenovirus | 10/2019 | No |
| Anthrax (Biothrax) | 11/2015 | Yes |
| BCG (Tice) | 02/2009 | No |
| Cholera (Vaxchora) | 06/2016 | No |
| Dengue (Dengvaxia) | 06/2019 | No |
| DT (Sanofi) | 06/2018 | No |
| DTaP (Daptacel) | 01/2021 ^(b) | No |
| DTaP (Infanrix) | 01/2021 ^(b) | Yes – Syringe, No – Vial |
| DTaP-IPV (Kinrix) | 01/2021 ^(b) | Yes – Syringe, No – Vial |
| DTaP-IPV (Quadracel) | 02/2021 | No |
| DTaP-HepB-IPV (Pediarix) | 01/2021 ^(b) | Yes |
| DTaP-IPV/Hib (Pentacel) | 12/2019 | No |
| DTaP-IPV-Hib-HepB (Vaxelis) | 10/2020 | No |
| Ebola Zaire (ERVEBO) | 01/2021 ^(b) | No |
| Hib (ActHIB) | 05/2019 | No |
| Hib (Hiberix) | 04/2018 | No |
| Hib (PedvaxHIB) | 01/2021 ^(b) | Yes |
| Hep A (Havrix) | 01/2021 ^(b) | Yes – Syringe , No – Vial |
| Hep A (Vaqta) | 01/2021 ^(b) | Yes – Syringe, Yes – Vial |
| Hep B (Engerix-B) | 01/2021 ^(b) | Yes – Syringe, No – Vial |
| Hep B (Recombivax) | 12/2018 | Yes – Syringe, Yes – Vial |
| Hep B (Heplisav-B) | 05/2020 | No |
| Hep A/Hep B (Twinrix) | 01/2021 ^(b) | Yes |
| HPV (Gardasil 9) | 08/2020 | No |
| Influenza (Afluria) Quadrivalent ^(c) | 03/2021 | No |
| Influenza (Fluad) Quadrivalent ^(c) | 03/2021 | No |
| Influenza (Fluarix) Quadrivalent ^(c) | 2021 | No |
| Influenza (Flublok) Quadrivalent ^(c) | 03/2021 | No |
| Influenza (Flucelvax) Quadrivalent ^(c) | 10/2021 ^(b) | No |
| Influenza (Flulaval) Quadrivalent ^(c) | 2021 | No |
| Influenza (Fluzone) Quadrivalent ^(c) | 2021 | No |
| Influenza (Fluzone) High Dose ^(c) | 2021 | No |
| Influenza (Flumist) Quadrivalent ^(c) | 08/2021 | No |
| IPV (Ipol) | 01/2021 ^(b) | No |

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| Vaccine (Trade Name) | Package Insert Date | Latex (Yes/No) ^(a) |
|--|------------------------|---|
| Japanese Encephalitis (Ixiaro) | 09/2018 | No |
| MenACWY (Menactra) | 04/2018 | No |
| MenACWY(MenQuadfi) | 01/2021 ^(b) | No |
| MenACWY (Mencevo) | 07/2020 | No |
| MenB (Bexsero) | 01/2021 ^(b) | Yes |
| MenB (Trumenba) | 2018 | No |
| MMR (M-M-R II) | 12/2020 | No |
| MMRV (ProQuad) (Frozen: Recombinant Albumin) | 01/2021 ^(b) | No |
| PCV13 (Prevnar 13) | 08/2017 | No |
| PPSV-23 (Pneumovax) | 09/2020 | No |
| Rabies (Imovax) | 10/2019 | No |
| Rabies (RabAvert) | 2018 | No |
| Rotavirus (RotaTeq) | 01/2021 ^(b) | No |
| Rotavirus (Rotarix) | 01/2021 ^(b) | Yes |
| Smallpox (Vaccinia) (ACAM2000) | 03/2018 | No |
| Td (Tenivac) | 11/2019 | Yes – Syringe, No – Vial |
| Td (TDVAX) | 09/2018 | No |
| Tdap (Adacel) | 12/2020 | Yes ^(d) – Syringe, No – Vial |
| Tdap (Boostrix) | 09/2020 | Yes – Syringe, No – Vial |
| Typhoid (Typhim Vi) | 03/2020 | No |
| Typhoid (Vivotif Ty21a) | 09/2013 | No |
| Varicella (Varivax) Frozen | 01/2021 ^(b) | No |
| Yellow Fever (YF-Vax) | 02/2019 | No |
| Zoster (Shingles) (Shingrix) | 01/2021 ^(b) | No |

Abbreviations: DT = diphtheria and tetanus toxoids; DTaP = diphtheria and tetanus toxoids and acellular pertussis; Hep A = Hepatitis A; Hep B = Hepatitis B; Hib = *Haemophilus influenzae* type b; HPV = human papillomavirus; IPV = inactivated poliovirus; LAIV = live, attenuated influenza vaccine; MenACWY = quadrivalent meningococcal conjugate vaccine; MenB = serogroup B meningococcal vaccine; MMR = measles, mumps, and rubella; MMRV = measles, mumps, rubella, varicella; PCV13 = pneumococcal conjugate vaccine; PI = Package Insert; PPSV23 = pneumococcal polysaccharide vaccine; Td = tetanus and diphtheria toxoids; Tdap = tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis.

^(a)All information was extracted from manufacturers' package inserts. The date shown in the Date column of the table is the edition date of the PI is use in February 2020. If in doubt about whether a PI has been updated since this table was prepared, check the FDA's website at: <http://www.fda.gov/BiologicsBloodVaccines/Vaccines/ApprovedProducts/ucm093833.htm>

^(b)The PI was not dated and this is the date the PI was reviewed for this table.

^(c) All influenza vaccine in this table are 2021-2022 northern hemisphere formulation.

^(d)The most current PI (12/2020) indicates no latex in any presentation of Adacel. Previous PIs indicate 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.

November 2021

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