

Thimerosal Content in Currently Manufactured U.S. Licensed Vaccines

Thimerosal and Expanded List of Vaccines - (updated June 20, 2012)

<http://www.fda.gov/BiologicsBloodVaccines/SafetyAvailability/VaccineSafety/UCM096228>

Thimerosal and Expanded List of Vaccines

Vaccine	Trade Name	Manufacturer	Thimerosal Concentration ¹	Mercury
Anthrax	BioThrax	Emergent BioDefense Operations Lansing, LLC	0	0
DTaP	Tripedia (not available)	Sanofi Pasteur, Inc.	≤ 0.00012%	≤ 0.3 µg/0.5 mL dose
	Infanrix	GlaxoSmithKline Biologicals	0	0
	Daptacel	Sanofi Pasteur, Ltd.	0	0
DTaP-HepB-IPV	Pediarix	GlaxoSmithKline Biologicals	0	0
DT	No Trade Name	Sanofi Pasteur, Inc.	< 0.00012% (single dose)	< 0.3 µg/0.5mL dose
		Sanofi Pasteur, Ltd. ³	0.01%	25 µg/0.5 mL dose
Td	No Trade Name	MassBiologics	≤ 0.00012%	≤ 0.3 µg mercury/0.5 ml dose
	Decavac	Sanofi Pasteur, Inc.	≤ 0.00012%	≤ 0.3 µg mercury/0.5 ml dose
	No Trade Name	Sanofi Pasteur, Ltd.	0	0
Tdap	Adacel	Sanofi Pasteur, Ltd.	0	0
	Boostrix	GlaxoSmithKline Biologicals	0	0
TT	No Trade Name (Discontinued)	Sanofi Pasteur, Inc.	0.01%	25 µg/0.5 mL dose
Hib	ActHIB	Sanofi Pasteur, SA	0	0

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Hib/HepB	Hiberix	GlaxoSmithKline Biologicals	0	0
	PedvaxHIB liquid	Merck & Co, Inc.	0	0
	COMVAX ⁴ (Discontinued)	Merck & Co, Inc.	0	0
	Hepatitis B	Engerix-B	GlaxoSmithKline Biologicals	0
Pediatric/adolescent			0	0
Adult				
Recombivax HB		Merck & Co, Inc.	0	0
Hepatitis A	Pediatric/adolescent		0	0
	Adult (adolescent)		0	0
	Dialysis			
	Havrix	GlaxoSmithKline Biologicals	0	0
HepA/HepB	Vaqta	Merck & Co, Inc.	0	0
	Twinrix	GlaxoSmithKline Biologicals	0	0
IPV	IPOL	Sanofi Pasteur, SA	0	0
	Poliovax	Sanofi Pasteur, Ltd.	0	0
Influenza	Afluria	CSL Limited	0 (single dose) 0.01% (multidose)	0 (0.5mL single dose) 24.5 µg (0.5 mL multidose)
	Agriflu	Novartis Vaccines and Diagnostics Ltd.	0	0
	Fluzone ⁵ (multi-dose presentation)	Sanofi Pasteur, Inc.	0.01%	25 µg/0.5 mL dose
	Fluvirin (multi-dose vial)	Novartis Vaccines and Diagnostics Ltd.	0.01%	25 µg/0.5 ml dose

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	Fluzone (single-dose presentations)	Sanofi Pasteur, Inc.	0	0
	Fluvirin (single-dose prefilled syringe)	Novartis Vaccines and Diagnostics Ltd.	0	0
	Fluarix	GlaxoSmithKline Biologicals	0	0
	FluMist and FluMist Quadrivalent	MedImmune Vaccines, Inc.	0	0
	FluLaval	ID Biomedical Corporation of Quebec	0.01%	25 µg/0.5 ml dose
Japanese Encephalitis	IXIARO	Intercell AG	0	0
MMR	MMR-II	Merck & Co, Inc.	0	0
Meningococcal	Menomune A, C, AC and A/C/Y/W-135	Sanofi Pasteur, Inc.	0.01% (multidose) 0 (single dose)	25 µg/0.5 dose 0
	Menactra A, C, Y and W-135	Sanofi Pasteur, Inc.	0	0
	Menveo	Novartis Vaccines and Diagnostics Inc.	0	0
Pneumococcal	Prevnar 13 (Pneumo Conjugate)	Wyeth Pharmaceuticals Inc.	0	0
	Pneumovax 23	Merck & Co, Inc.	0	0
Rabies	IMOVAX	Sanofi Pasteur, SA	0	0
	Rabavert	Novartis Vaccines and Diagnostics	0	0
Smallpox (Vaccinia), Live	ACAM2000	Acambis, Inc.	0	0
Typhoid Fever	Typhim Vi	Sanofi Pasteur, SA	0	0

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	Vivotif	Berna Biotech, Ltd.	0	0
Varicella	Varivax	Merck & Co, Inc.	0	0
Yellow Fever	Y-F-Vax	Sanofi Pasteur, Inc.	0	0
Zoster Vaccine Live	Zostravax	Merck & Co., Inc.	0	0

Table Footnotes

1. Thimerosal is approximately 50% mercury (Hg) by weight. A 0.01% solution (1 part per 10,000) of thimerosal contains 50 µg of Hg per 1 ml dose or 25 µg of Hg per 0.5 ml dose.
2. Sanofi Pasteur's Tripedia may be used to reconstitute ActHib to form TriHIBit. TriHIBit is indicated for use in children 15 to 18 months of age.
3. This vaccine is not marketed in the US.
4. COMVAX is not licensed for use under 6 weeks of age because of decreased response to the Hib component. (Note: This product has been discontinued)
5. Children under 3 years of age receive a half-dose of vaccine, i.e., 0.25 mL (12.5 µg mercury/dose.)