

Thimerosal Content in Some US Licensed Vaccines

Updated 4/22/04

Vaccine	Brand Name (click on name for package insert)	Manufacturer	Thimerosal Concentration ¹	Mercury ug/0.5 ml
Anthrax	Anthrax vaccine	BioPort Corporation	0	0
DTaP	Tripedia Infanrix Daptacef	Aventis Pasteur GlaxoSmithKline Aventis Pasteur	* 0 0	* 0 0
DTaP - Hep B - IPV	Pediarix	GlaxoSmithKline	* -	* -
DTwP	All Products		.01%	25
DT	Diphtheria & Tetanus Toxoids Adsorbed USP	multi-dose single dose Aventis Pasteur	.01% *	25 *
Td	Tetanus and Diphtheria Toxoids Adsorbed	Aventis Pasteur	.01%	25
Tetanus Toxoid	Tetanus Toxoid Adsorbed USP Tetanus toxoid Adsorbed Adult Use Booster	Aventis Pasteur	.01% .01%	25 25
Hib	ActiHIB /OmniHib TriHIBit HibTITER PedvaxHIB liquid(2)	Aventis Pasteur Aventis Pasteur Wyeth-Ayerst Merck	0 * 0 0	0 * 0 0
Hib/HepB	Comvax 3)	Merck	0	0
Hepatitis A	Havrix Vagta adult/pediatric	GlaxoSmithKline Merck	0 0	0 0
Hepatitis B	Engerix-B preservative free Recombivax HB preservative free Recombivax HB	GlaxoSmithKline Merck	* 0 .005%	* 0 12.5
Hep A-B	Twinrix	GlaxoSmithKline	* -	* -
Influenza 2003/4 Formula	Fluzone prefilled syringe (0.25 mL) prefilled syringe (0.5mL) multi-dose (5 mL) Fluvirin preservative free Fluvirin FluMist	Aventis Pasteur Evans MedImmune/Wyeth	* - .01% * .01% 0	* - 25 * 25 0
IPV	IPOL	Aventis Pasteur	0	0
Meningococcal	MENOMUNE-A/C/Y/W-135	multi-dose single dose Aventis Pasteur	.01% * -	25 * -
MMR	M-M-R II	Merck	0	0
Pneumococcal	Pneumovax 23	Wyeth-Ayerst Merck	0 0	0 0
Rabies	RabAvert IMOVAX	Chiron Aventis Pasteur	0 0	0 0
Typhoid Fever	Typhim Vi Vivotif	Aventis Pasteur Berna Biotch	0 0	0 0
Varicella	Varivax	Merck	0	0
Yellow Fever	YF-VAX	Aventis Pasteur	0	0

1. A concentration of 1:10,000 is equivalent to a 0.01% concentration. Thimerosal is approximately 50% Hg by weight. A 1:10,000 concentration contains 25 micrograms of Hg per 0.5 mL.

2. A previously marketed lyophilized preparation contained 0.005% thimerosal.

3. COMVAX is not approved for use under 6 weeks of age because of decreased response to the Hib component.

* This product should be considered equivalent to thimerosal-free products. This vaccine may contain trace amounts (<0.3 µg) of mercury left after post-production thimerosal removal; these amounts have no biological effect. JAMA 1999;282(18) and JAMA 2000;283(16).

