

Thimerosal Content in Some US Licensed Vaccines

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Vaccine	Brand Name (click on the brand name for package insert)	Manufacturer	Thimerosal Concentration ¹	Mercury mcg/0.5 ml
Anthrax	BioThrax	BioPort Corporation	0	0
DTaP	Tripedia	sanofi pasteur	*	*
	Infanrix	GlaxoSmithKline	0	0
	DAPTACEL	sanofi pasteur	0	0
DTaP-HepB-IPV	Pediarix	GlaxoSmithKline	0	0
DTaP-IPV-Hib	Pentacel	sanofi pasteur	0	0
DTaP-Hib	TriHIBit	sanofi pasteur	*	*
DTwP	All Products		.01%	25
DT	Diphtheria & Tetanus Toxoids multi-dose Adsorbed USP	sanofi pasteur	.01%	25
	single dose		*	*
Td	DECAVAC	sanofi pasteur	*	*
	Tetanus and Diphtheria Toxoids Adsorbed	sanofi pasteur	*	*
Tdap	ADACEL	sanofi pasteur	0	0
	Boostrix	GlaxoSmithKline	0	0
Tetanus Toxoid	Tetanus Toxoid Adsorbed USP	sanofi pasteur	.01%	25
	Tetanus Toxoid Adsorbed Adult Use		.01%	25
	Booster		.01%	25
Hib	ActHIB	sanofi pasteur	0	0
	HibTITER	Wyeth-Ayerst	0	0
	PedvaxHIB liquid(2)	Merck	0	0
Hib/HepB	Comvax (3)	Merck	0	0
Hepatitis A	Havrix	GlaxoSmithKline	0	0
	Vaqta adult/pediatric	Merck	0	0
Hepatitis B	Engerix-B preservative free	GlaxoSmithKline	0	0
	Recombinax HB preservative free	Merck	0	0
Hep A-B	Twinrix	GlaxoSmithKline	0	0
HPV	Gardasil	Merck	0	0
Influenza 2008/9 Formula	Afluria multi-dose single dose	CSL Limited	.01%	24.5
			0	0
	Fluarix	GlaxoSmithKline		≤1
	FluLaval	GlaxoSmithKline	.01%	25
	FluMist	MedImmune	0	0
	Fluvirin	Novartis	.01%	24.5
	Fluzone 5 mL vial No Preservative	sanofi pasteur	.01%	25
			0	0
IPV	IPOL	sanofi pasteur	0	0
Meningococcal	Menactra	sanofi pasteur	0	0
	MENOMUNE-A/C/Y/W-135 multi-dose	sanofi pasteur	.01%	25
	single dose		0	0
MMR	M-M-R II	Merck	0	0
MMR-Varicella	ProQuad	Merck	0	0
Polio	IPOL	sanofi pasteur	0	0
Pneumococcal	Prevnar	Wyeth-Ayerst	0	0
	Pneumovax 23	Merck	0	0
Rabies	RabAvert	Chiron	0	0
	IMOVAX	sanofi pasteur	0	0
Rotavirus	RotaTeq	Merck	0	0
Typhoid Fever	Typhim Vi	sanofi pasteur	0	0
	Vivotif	Berna Biotch	0	0
Varicella	Varivax	Merck	0	0
Zoster	Zostavax	Merck	0	0
Yellow Fever	YF-VAX	sanofi 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 mcg) of mercury left after post-production thimerosal removal; these amounts have no biological effect. JAMA 1999;282(18) and JAMA 2000;283(16).



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