



Thimerosal Content of Vaccines Distributed by the Alaska Immunization Program (as of Dec. 2007)

Vaccines Generally Used in Pediatric (**AGE 6 years and YOUNGER**) Populations

Vaccine	Generic or Trade Name	Manufacturer	Thimerosal Concentration [#]	Mercury (mcg/0.5 mL) [#]
DT (Diphtheria/Tetanus)	DT	sanofi pasteur	<0.00012%	<0.3 (<i>trace*</i>)
DTaP (Diphtheria/Tetanus/Pertussis)	Infanrix	GlaxoSmithKline	0	0
Diphtheria/Tetanus/Pertussis/ Polio/Hepatitis B	Pediarix	GlaxoSmithKline	0	0
Hepatitis A (pediatric)	Havrix (ped)	GlaxoSmithKline	0	0
Hepatitis B (pediatric/adolescent)	Recombivax HB (ped/adol)	Merck	0	0
Hib (<i>Haemophilus influenzae</i> type b)	PedVaxHib	Merck	0	0
Influenza (used in 07/08 season)	Fluzone – Single dose preservative free for 6-35 months	sanofi pasteur	0	0
	Fluzone - Multi- dose vial for 36 mo and older	sanofi pasteur	0.01% [~]	25
Measles/Mumps/Rubella	MMR-II	Merck	0	0
Pneumococcal conjugate (pediatric)	Prevnar	Wyeth	0	0
Polio (injectible)	IPV	sanofi pasteur	0	0
Varicella (chickenpox)	Varivax	Merck	0	0
Rotavirus	RotaTeq	Merck	0	0

[#] Because most vaccines are supplied in doses of 0.5 mL (one-half milliliter), most concentrations are reported as “per 0.5 mL”.
1 microgram (mcg) = one millionth of a gram.

[~] A 0.01% (1 part per 10,000) concentration of thimerosal = 50 micrograms (mcg) per 0.5 mL. Because thimerosal is approximately 50% mercury, a 0.01% concentration of thimerosal = 0.005% concentration of mercury = 25 mcg of mercury per 0.5 mL dose.

^{*} Denotes a *trace* amount of thimerosal in the vaccine. The term “thimerosal-reduced” usually indicates that thimerosal is not added as a vaccine preservative, but trace amounts (less than 0.5 micrograms mercury per 0.5 mL dose) may remain from use in the manufacturing process. Such trace amounts are not felt to be clinically significant, nor would they result in exposure exceeding any federal guideline for mercury exposure. (Reference: U.S. Food and Drug Administration, *Thimerosal in Vaccines - Frequently Asked Questions*, <http://www.fda.gov/cber/vaccine/thimfaq.htm>)

Note: Because the Alaska Immunization Program provides vaccines to public and private providers at no charge, it is unlikely (though not impossible) that an Alaska provider would be using a pediatric vaccine that is not shown on this list. Ask your provider if you have any questions about the type or brand of vaccine that he/she is using.



Thimerosal Content of Vaccines Distributed by the Alaska Immunization Program (as of Dec. 2007)

Vaccines Generally Used for Persons **AGE 7 years and OLDER**

Vaccine	Generic or Trade Name	Manufacturer	Thimerosal Concentration [#]	Mercury (mcg/0.5 mL) [#]
Hepatitis A (adolescent/adult)	Havrix (adol/adult)	GlaxoSmithKline	0	0
Hepatitis B (pediatric/adolescent)	Recombivax HB (ped/adol)	Merck	0	0
Hepatitis B (adult)	Engerix-B (adult)	GlaxoSmithKline	0	0
Influenza (used in 07/08 season)	Fluzone - multi-dose vial for 36 mo and older	sanofi pasteur	0.01% [~]	25
Measles/Mumps/Rubella	MMR-II	Merck	0	0
Meningococcal conjugate	Menactra	sanofi pasteur	0	0
Pneumococcal polysaccharide	Pneumovax-23	Merck	0	0
Polio (injectible)	IPV	sanofi pasteur	0	0
Td (tetanus/diphtheria)	Decavac	sanofi pasteur	≤0.00012%	≤0.3 (trace*)
Tdap (tetanus/diphtheria/pertussis)	Adacel	sanofi pasteur	0	0
Varicella (chickenpox)	Varivax	Merck	0	0
Human Papillomavirus (HPV)	Gardasil	Merck	0	0

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[~] A 0.01% (1 part per 10,000) concentration of thimerosal = 50 micrograms (mcg) per 0.5 mL. Because thimerosal is approximately 50% mercury, a 0.01% concentration of thimerosal = 0.005% concentration of mercury = 25 mcg of mercury per 0.5 mL dose.

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