

Vaccine Allergens

updated October 2017

Excipient	Type	Vaccine Name	Vaccine Type	Amount per dose
Albumin, Bovine Serum	Stabilizer	Ixario	Japanese Encephalitis	≤100 ng
Albumin, Bovine Serum	Stabilizer	Pentacel	DTaP+IPV+Hib	≤50 ng
Albumin, Bovine Serum	Stabilizer	Quadracel	DTaP+IPV	≤50 ng
Albumin, Bovine Serum	Stabilizer	RabAvert	Rabies	"Small quantities", US origin
Albumin, Calf Serum	Stabilizer	Kinrix	DTaP+IPV	VERO cell culture growth
Albumin, Calf Serum	Stabilizer	Pediarix	DTaP+HepB+IPV	VERO cell culture growth
Albumin, Calf Serum	Stabilizer	Zostavax	Zoster	Trace amounts
Albumin, Calf Serum Protein	Stabilizer	IPOL	IPV	<50 ng
Albumin, Egg (Ovalbumin)	Residual Medium	Afluria	Influenza	≤1 mcg
Albumin, Egg (Ovalbumin)	Residual Medium	Afluria Quad	Influenza	≤1 mcg
Albumin, Egg (Ovalbumin)	Residual Medium	Fluarix Quad	Influenza	≤0.05 mcg
Albumin, Egg (Ovalbumin)	Residual Medium	Flulaval Quad	Influenza	≤0.3 mcg
Albumin, Egg (Ovalbumin)	Residual Medium	FluMist Quad	Influenza	≤0.24 mcg
Albumin, Egg (Ovalbumin)	Residual Medium	Fluvirin	Influenza	≤1 mcg
Albumin, Egg (Ovalbumin)	Residual Medium	RabAvert	Rabies	≤3 ng
Albumin, Fetal Bovine Serum	Stabilizer	RotaTeq	Rotavirus	Trace amounts
Albumin, Fetal Bovine Serum	Stabilizer	Varivax	Varicella	Trace amounts
Amphotericin B	Antimicrobial	RabAvert	Rabies	<2 ng
Chlortetracycline	Antimicrobial	RabAvert	Rabies	≤200 ng
Egg Protein	Residual Medium	Fluad	Influenza	<0.4 mcg
Egg Protein	Residual Medium	Fluvirin	Influenza	≤1 mcg ovalbumin
Gelatin	Manufacturing Residue	JE-Vax	Japanese Encephalitis	500 mcg/1 mL dose
Gelatin	Gelatin Capsules	Vivotif	Typhoid	Gelatin capsules
Gelatin	Stabilizer	YF-Vax	Yellow Fever	Amount not specified in Package Insert
Gelatin, Bovine	Stabilizer, solvent	RabAvert	Rabies	<12 mg polygeline
Gelatin, hydrolyzed	Stabilizer	MMR-II	MMR	14.5 mg
Gelatin, hydrolyzed	Stabilizer	ProQuad	MMRV	11 mg
Gelatin, hydrolyzed	Stabilizer	Varivax	Varicella	12.5 mg
Gelatin, Porcine, Hydrolyzed	Stabilizer	FluMist Quad	Influenza	2.00 mg/0.2 mL dose
Gelatin, Porcine, Hydrolyzed	Stabilizer	Zostavax	Varicella Zoster	15.58 mg
Gentamicin Sulfate	Antimicrobial	Fluarix Quad	Influenza	≤0.15 mcg
Gentamicin Sulfate	Antimicrobial	FluMist Quad	Influenza	<0.015 mcg/mL
Latex	Pharmaceutical closure	Adacel	Tdap	The tip caps of the prefilled syringe may contain natural rubber latex
Latex	Pharmaceutical closure	Bexero	Meningococcal	The tip caps of the pre-filled syringes contain natural rubber latex
Latex	Pharmaceutical closure	BioThrax	Anthrax	The stopper of the vial contains natural rubber latex
Latex	Pharmaceutical closure	Boostrix	Tdap	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	Comvax	Hib+HepB	The vial stopper contains dry natural latex rubber
Latex	Pharmaceutical closure	Engerix-B	HebB	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	Fluad	Influenza	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	Fluvirin	Influenza	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	Havrix	HepA	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	Infanrix	DTaP	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	Kinrix	DTaP+IPV	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	Menomune	Meningococcal	The stoppers to the vials and diluent contain dry natural latex rubber
Latex	Pharmaceutical closure	Pediarix	DTaP+HepB+IPV	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	PedvaxHIB	Hib+HepB	The vial stopper contains dry natural latex rubber
Latex	Pharmaceutical closure	Recombivax HB	HepB	The vial stopper and the syringe plunger stopper and tip cap contain dry natural latex rubber
Latex	Pharmaceutical closure	Rotarix	Rotavirus	The tip caps of the prefilled oral applicators of diluent contain natural rubber latex
Latex	Pharmaceutical closure	Tenivac	Td	The tip caps of the prefilled syringes may contain natural rubber latex

Latex	Pharmaceutical closure	Twinrix	HepA&B	The tip caps of the prefilled syringes contain natural rubber latex
Latex	Pharmaceutical closure	Vaqta	HepA	The vial stopper and the syringe plunger stopper and tip cap contain dry natural latex rubber
Neomycin	Antimicrobial	Fluad	Influenza	≤0.02 mcg
Neomycin	Antimicrobial	Fluvirin	Influenza	≤2.5 mcg
Neomycin	Antimicrobial	Havrix	HepA	≤40 ng
Neomycin	Antimicrobial	IPOL	IPV	<5 ng
Neomycin	Antimicrobial	Kinrix	DTaP+IPV	≤0.05 ng
Neomycin	Antimicrobial	MMR-II	MMR	25 mcg
Neomycin	Antimicrobial	Pediarix	DTaP+HepB+IPV	≤0.05 ng
Neomycin	Antimicrobial	Pentacel	DTaP+IPV+Hib	<4 pg
Neomycin	Antimicrobial	ProQuad	MMRV	<16 mcg
Neomycin	Antimicrobial	Quadracel	DTaP+IPV	<4 pg
Neomycin	Antimicrobial	RabAvert	Rabies	<10 mcg
Neomycin	Antimicrobial	Vaqta	HepA	<10 ppb (residual)
Neomycin	Antimicrobial	Varivax	Varicella	Trace amounts
Neomycin	Antimicrobial	Zostavax	Varicella Zoster	Trace amounts
Neomycin Sulfate	Antimicrobial	Afluria	Influenza	≤61.5 ng
Neomycin Sulfate	Antimicrobial	Afluria Quad	Influenza	≤81.8 ng
Neomycin Sulfate	Antimicrobial	Imovax	Rabies	<150 mcg
Neomycin Sulfate	Antimicrobial	Twinrix	HepA+HepB	≤20 ng
Polymyxin	Antimicrobial	Fluvirin	Influenza	≤3.75 mcg
Polymyxin B	Antimicrobial	Afluria	Influenza	≤10.5 ng
Polymyxin B	Antimicrobial	Afluria Quad	Influenza	≤14 ng
Polymyxin B	Antimicrobial	IPOL	Polio	25 ng
Polymyxin B	Antimicrobial	Kinrix	DTaP+IPV	≤0.01 ng
Polymyxin B	Antimicrobial	Pediarix	DTaP+HepB+IPV	≤0.01 ng
Polymyxin B	Antimicrobial	Pentacel	DTaP+IPV+Hib	<4 pg
Polymyxin B sulfate	Antimicrobial	Quadracel	DTaP+IPV	<4 pg
Sodium Taurodeoxycholate	Protein Purifier	Afluria Quad	Influenza	≤10 ppm (residual)
Streptomycin	Antimicrobial	IPOL	Polio	200 ng
Thimerosal	Preservative	Afluria	Influenza	24.5 mcg mercury only in multi-dose vial; none in single dose
Thimerosal	Preservative	Afluria Quad	Influenza	24.5 mcg mercury only in multi-dose vial; none in single dose
Thimerosal	Manufacturing Residue	DT	DT	≤0.3 mcg mercury, trace amounts
Thimerosal	Preservative	Flulaval Quad	Influenza	<25 mcg mercury only in multi-dose vial; none in single dose
Thimerosal	Preservative	Fluvirin	Influenza	25 mcg mercury/dose in multi-dose vial; ≤1 mcg/dose mercury in prefilled syringe
Thimerosal	Preservative	FluZone Quad	Influenza	25 mcg mercury in multi-dose vial; none in single dose
Thimerosal	Preservative	JE-Vax	Japanese Encephalitis	0.007%
Thimerosal	Preservative	Menomune	Meningococcal	25 mcg mercury/dose in multi-dose diluent; none in single-dose
Thimerosal	Manufacturing Residue	Td (generic)	Td	≤0.3 mcg mercury, trace amounts
Yeast	Medium Nutrient	Comvax	Hib+HepB	≤1% yeast protein
Yeast	Medium Nutrient	Engerix-B	HepB	≤5% yeast protein
Yeast	Medium Nutrient	Gardasil	HPV	<7 mcg yeast protein/dose
Yeast	Medium Nutrient	Gardasil 9	HPV	<7 mcg yeast protein/dose
Yeast	Medium Nutrient	Menveo	Meningococcal	Ingredient in growth medium
Yeast	Medium Nutrient	Pediarix	DTaP+HepB+IPV	≤5% yeast protein
Yeast	Medium Nutrient	Prevnar	Pneumococcal	Ingredient in growth medium
Yeast	Medium Nutrient	Prevnar 13	Pneumococcal	Ingredient in growth medium
Yeast	Medium Nutrient	Recombivax HB	HepB	<1% yeast protein
Yeast	Medium Nutrient	Twinrix	HepA+HepB	≤5% yeast protein
Yeast	Medium Nutrient	Vivotif	Typhoid	Amount not specified in Package Insert

This information is correct to the best of our knowledge. Any inaccuracies should be reported to us at info@hopkinsvaccine.org