

Dear Bonnie,

Vaccine Excipient & Media Summary
Excipients Included in U.S. Vaccines, by Vaccine

The following list of acidic vaccines includes all acidic vaccine ingredients (e.g., adjuvants and preservatives) as well as substances used during the manufacturing process, including vaccine-production media, that are removed from the final product and present only in trace quantities.

Vaccine Contains

Anthrax (BioThrax) Aluminum Hydroxide, Amino Acids, Benzethonium Chloride, Formaldehyde or Formalin, Inorganic Salts and Sugars, Vitamins

BCG (Tice) Asparagine, Citric Acid, Lactose, Glycerin, Iron Ammonium Citrate, Magnesium Sulfate, Potassium Phosphate

DTaP (Daptacel) Aluminum Phosphate, Ammonium Sulfate, Casamino Acid, Dimethyl-beta-cyclodextrin, Formaldehyde or Formalin, Glutaraldehyde, 2-Phenoxyethanol

DTaP (Infanrix) Aluminum Hydroxide, Bovine Extract, Formaldehyde or Formalin, Glutaraldehyde, 2-Phenoxyethanol, Polysorbate 80

DTaP (Tripedia) Aluminum Potassium Sulfate, Ammonium Sulfate, Bovine Extract, Formaldehyde or Formalin, Gelatin, Polysorbate 80, Sodium Phosphate, Thimerosal*

DTaP/Hib (TriHIBit) Aluminum Potassium Sulfate, Ammonium Sulfate, Bovine Extract, Formaldehyde or Formalin, Gelatin, Polysorbate 80, Sucrose, Thimerosal*

DTaP-IPV (Kinrix) Aluminum Hydroxide, Bovine Extract, Formaldehyde, Lactalbumin Hydrolysate, Monkey Kidney Tissue, Neomycin Sulfate, Polymyxin B, Polysorbate 80

DTaP-HepB-IPV (Pediatrix) Aluminum Hydroxide, Aluminum Phosphate, Bovine Protein, Lactalbumin Hydrolysate, Formaldehyde or Formalin, Glutaraldehyde, Monkey Kidney Tissue, Neomycin, 2-Phenoxyethanol, Polymyxin B, Polysorbate 80, Yeast Protein

DtaP-IPV/Hib (Pentacel) Aluminum Phosphate, Bovine Serum Albumin, Formaldehyde, Glutaraldehyde, MRC-5 DNA and Cellular Protein, Neomycin, Polymyxin B Sulfate, Polysorbate 80, 2-Phenoxyethanol,

DT (sanofi) Aluminum Potassium Sulfate, Bovine Extract, Formaldehyde or Formalin, Thimerosal (multi-dose) or Thimerosal* (single-dose)

DT (Massachusetts) Aluminum Hydroxide, Formaldehyde or Formalin

Hib (ACTHib) Ammonium Sulfate, Formaldehyde or Formalin, Sucrose

Hib (PedvaxHib) Aluminum Hydroxyphosphate Sulfate

Hib/Hep B (Comvax) Amino Acids, Aluminum Hydroxyphosphate Sulfate, Dextrose, Formaldehyde or Formalin, Mineral Salts, Sodium Borate, Soy Peptone, Yeast Protein

Hep A (Havrix) Aluminum Hydroxide, Amino Acids, Formaldehyde or Formalin, MRC-5 Cellular Protein, Neomycin Sulfate, 2-Phenoxyethanol, Phosphate Buffers, Polysorbate

Hep A (Vaqta) Aluminum Hydroxyphosphate Sulfate, Bovine Albumin or Serum, DNA, Formaldehyde or Formalin, MRC-5 Cellular Protein, Sodium Borate

Hep B (Engerix-B) Aluminum Hydroxide, Phosphate Buffers, Thimerosal*, Yeast Protein
Vaccine Contains

Hep B (Recombivax) Aluminum Hydroxyphosphate Sulfate, Amino Acids, Dextrose, Formaldehyde or Formalin, Mineral Salts, Potassium Aluminum Sulfate, Soy Peptone, Yeast Protein

HepA/HepB (Twinrix) Aluminum Hydroxide, Aluminum Phosphate, Amino Acids, Dextrose, Formaldehyde or Formalin, Inorganic Salts, MRC-5 Cellular Protein, Neomycin Sulfate, 2-Phenoxyethanol, Phosphate Buffers, Polysorbate 20, Thimerosal*, Vitamins, Yeast Protein

Human Papillomavirus (HPV)(Gardasil) Amino Acids, Amorphous Aluminum Hydroxyphosphate Sulfate, Carbohydrates, L-histidine, Mineral Salts, Polysorbate 80, Sodium Borate, Vitamins

Influenza (Afluria) Beta-Propiolactone, Calcium Chloride, Neomycin, Ovalbumin, Polymyxin B, Potassium Chloride, Potassium Phosphate, Sodium Phosphate, Sodium Taurodeoxycholate.

Influenza (Fluarix) Egg Albumin (Ovalbumin), Egg Protein, Formaldehyde or Formalin, Gentamicin, Hydrocortisone, Octoxynol-10, α -Tocopheryl Hydrogen Succinate, Polysorbate 80, Sodium Deoxycholate, Sodium Phosphate, Thimerosal*

Influenza (Flulaval) Egg Albumin (Ovalbumin), Egg Protein, Formaldehyde or Formalin, Sodium Deoxycholate, Phosphate Buffers, Thimerosal

Influenza (Fluvirin) Beta-Propiolactone, Egg Protein, Neomycin, Polymyxin B, Polyoxyethylene 9-10 Nonyl Phenol (Triton N-101, Octoxynol 9), Thimerosal (multidose containers), Thimerosal* (single-dose

syringes)

Influenza (Fluzone) Egg Protein, Formaldehyde or Formalin, Gelatin, Octoxinol-9 (Triton X-100), Thimerosal (multidose containers)

Influenza (FluMist) Chick Kidney Cells, Egg Protein, Gentamicin Sulfate, Monosodium Glutamate, Sucrose Phosphate Glutamate Buffer

IPV (Ipol) Calf Serum Protein, Formaldehyde or Formalin, Monkey Kidney Tissue, Neomycin, 2-Phenoxyethanol, Polymyxin B, Streptomycin,

Japanese Encephalitis (JE-Vax) Formaldehyde or Formalin, Gelatin, Mouse Serum Protein, Polysorbate 80, Thimerosal

Japanese Encephalitis (Ixiaro) Aluminum Hydroxide, Bovine Serum Albumin, Formaldehyde, Protamine Sulfate, Sodium Metabisulphite

Meningococcal (Menactra) Formaldehyde or Formalin, Phosphate Buffers

Meningococcal (Menomune) Lactose, Thimerosal (10-dose vials only)

MMR (MMR-II) Amino Acid, Bovine Albumin or Serum, Chick Embryo Fibroblasts, Human Serum Albumin, Gelatin, Glutamate, Neomycin, Phosphate Buffers, Sorbitol, Sucrose, Vitamins

MMRV (ProQuad) Bovine Albumin or Serum, Gelatin, Human Serum Albumin, Monosodium Lglutamate, MRC-5 Cellular Protein, Neomycin, Sodium Phosphate Dibasic, Sodium Bicarbonate, Sorbitol, Sucrose, Potassium Phosphate Monobasic, Potassium Chloride, Potassium Phosphate Dibasic

Pneumococcal (Pneumovax) Bovine Protein, Phenol Pneumococcal (Prevnar) Aluminum Phosphate, Amino Acid, Soy Peptone, Yeast Extract

Vaccine Contains Rabies (Imovax) Human Serum Albumin, Beta-Propiolactone, MRC-5 Cellular Protein, Neomycin, Phenol Red (Phenolsulfonphthalein), Vitamins

Rabies (RabAvert) Amphotericin B, Beta-Propiolactone, Bovine Albumin or Serum, Chicken Protein, Chlortetracycline, Egg Albumin (Ovalbumin), Ethylenediamine-Tetraacetic Acid Sodium (EDTA), Neomycin, Potassium Glutamate

Rotavirus (RotaTeq) Cell Culture Media, Fetal Bovine Serum, Sodium Citrate, Sodium Phosphate Monobasic Monohydrate, Sodium Hydroxide Sucrose, Polysorbate 80

Rotavirus (Rotarix) Amino Acids, Calcium Carbonate, Calcium Chloride, D-glucose, Dextran,

Ferric (III) Nitrate, L-cystine, L-tyrosine, Magnesium Sulfate, Phenol Red, Potassium Chloride, Sodium Hydrogenocarbonate, Sodium Phosphate, Sodium L-glutamine, Sodium Pyruvate, Sorbitol, Sucrose, Vitamins, Xanthan

Td (Decavac) Aluminum Potassium Sulfate, Bovine Extract, Formaldehyde or Formalin, 2-Phenoxyethanol, Peptone, Thimerosal*

Td (Massachusetts) Aluminum Hydroxide, Aluminum Phosphate, Formaldehyde or Formalin, Thimerosal (some multidose containers)

Tdap (Adacel) Aluminum Phosphate, Formaldehyde or Formalin, Glutaraldehyde, 2-Phenoxyethanol

Tdap (Boostrix) Aluminum Hydroxide, Bovine Extract, Formaldehyde or Formalin, Glutaraldehyde, Polysorbate 80

Typhoid (inactivated –Typhim Vi) Disodium Phosphate, Monosodium Phosphate, Phenol, Polydimethylsiloxane, Hexadecyltrimethylammonium Bromide

Typhoid (oral – Ty21a) Amino Acids, Ascorbic Acid, Bovine Protein, Casein, Dextrose, Galactose, Gelatin, Lactose, Magnesium Stearate, Sucrose, Yeast Extract

Vaccinia (ACAM2000) Glycerin, Human Serum Albumin, Mannitol, Monkey Kidney Cells, Neomycin, Phenol, Polymyxin B

Varicella (Varivax) Bovine Albumin or Serum, Ethylenediamine-Tetraacetic Acid Sodium (EDTA), Gelatin, Monosodium L-Glutamate, MRC-5 DNA and Cellular Protein, Neomycin, Potassium Chloride, Potassium Phosphate Monobasic, Sodium Phosphate Monobasic, Sucrose

Yellow Fever (YF-Vax) Egg Protein, Gelatin, Sorbitol

Zoster (Zostavax) Bovine Calf Serum, Hydrolyzed Porcine Gelatin, Monosodium L-glutamate, MRC-5 DNA and Cellular Protein, Neomycin, Potassium Phosphate Monobasic, Potassium Chloride, Sodium Phosphate Dibasic, Sucrose

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Where “thimerosal” is marked with an asterisk () it indicates that the 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, but these amounts have no biological effect. JAMA 1999;282(18) and JAMA 2000;283(16) Adapted from Grabenstein JD.

Immuno Facts: Vaccines & Immunologic Drugs. St. Louis, MO: Wolters Kluwer Health Inc.; 2009 and

individual products' package inserts.

All reasonable efforts have been made to ensure the accuracy of this information, but manufacturers may change product contents before that information is reflected here.

In Love and Healing Light,

Robert O. Young, Ph.D., D.Sc.

Founder of 'THE NEW BIOLOGY' ®
Creator of the 'SCIENCE OF ALKALINE
LIVING'™ for Health.

As someone that looks to improve their health we are pleased to offer you this free audio, an excerpt of a powerful two hour interview with Dr Robert O. Young and Anthony Robbins. Click the link below to listen:

<http://tinyurl.com/krtfr4>

Not part of our healing alkaline community? Visit our website at:

www.phmiracleliving.com

To learn more about the science of Dr. Robert and Shelley Young go to:

www.articlesofhealth.blogspot.com

'Miracles happen not in opposition to nature, but in opposition to what we know of nature.' St. Augustine

'Any sufficiently advanced technology is indistinguishable from magic' Arthur C. Clarke

'There are only two ways to live your life. One, is as though there are no miracles. The other is as though everything is a miracle.' Albert Einstein

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