

## APPENDIX B

### Vaccines

U.S Vaccines . . . . .	B-1
Selected Discontinued U.S. Vaccines. . . . .	B-5
Vaccine Excipient and Media Summary, by Vaccine . . . . .	B-7
Latex in Vaccine Packaging. . . . .	B-11
Thimerosal Table. . . . .	B-13
Foreign Language Terms . . . . .	B-15

# Appendix B

**B**

**U.S. Vaccines: Table 1**  
(For Combination Vaccines, See Table 2)

Vaccine	Trade Name	Abbreviation	Manufacturer	Type / Route	Approved	How Supplied
Adenovirus	Adenovirus Type 4 & Type 7		Barr Labs Inc.	Live Viral / Oral (tablets)	2011	two bottles: 100 tablets of each component
Anthrax	BioThrax®	AVA	Emergent BioSolutions	Inactivated Bacterial / IM	1970	multi-dose vial
DTaP	Daptacel®	DTaP	sanofi	Inactivated Bacterial / IM	2002	single-dose vial
	Infanrix®	DTaP	GlaxoSmithKline	Inactivated Bacterial / IM	1997	single-dose vial or syringe
DT	Generic	DT	sanofi	Inactivated Bacterial Toxoids / IM	1978	single-dose vial
<i>Haemophilus influenzae</i> type b (Hib)	ActHIB®	Hib (PRP-T)	sanofi	Inactivated Bacterial / IM	1993	single-dose vial
	Hiberix®	Hib (PRP-T)	GlaxoSmithKline	Inactivated Bacterial / IM	2009	single-dose vial
	PedvaxHIB®	Hib (PRP-OMP)	Merck	Inactivated Bacterial / IM	1989	single-dose vial
Hepatitis A	Havrix®	HepA	GlaxoSmithKline	Inactivated Viral / IM	1995	single-dose vial or syringe
	Vaqta®	HepA	Merck	Inactivated Viral / IM	1996	single-dose vial or syringe
Hepatitis B	Engerix-B®	HepB	GlaxoSmithKline	Recombinant Viral / IM	1989	single-dose vial or syringe
	Recombivax HB®	HepB	Merck	Recombinant Viral / IM	1986	single-dose vial or syringe
Herpes Zoster (Shingles)	Zostavax	HZV	Merck	Live Attenuated Viral / SC	2006	single-dose vial
Human Papillomavirus	Cervarix®	2vHPV	GlaxoSmithKline	Inactivated Viral / IM	2009	syringe
	Gardasil®	4vHPV	Merck	Inactivated Viral / IM	2006	single-dose vial or syringe
	Gardasil® 9	9vHPV	Merck	Inactivated Viral / IM	2014	single-dose vial or syringe

Vaccine	Trade Name	Abbreviation	Manufacturer	Type / Route	Approved	How Supplied
Influenza	Afluria®	IIV3	bioCSL	Inactivated Viral / IM	2007	multi-dose vial or syringe
	Agriflu®	IIV3	Novartis	Inactivated Viral / IM	2009	syringe
	Fluarix®	IIV3 IIV4	GlaxoSmithKline	Inactivated Viral / IM	2005 2012	syringe
	Flublok®	RIV3	Protein Sciences Corp.	Recombinant Viral / IM	2013	single-dose vial
	Flucelvax®	ccIIV3	Novartis	Inactivated Viral / IM	2012	syringe
	FluLaval®	IIV3 IIV4	GlaxoSmithKline	Inactivated Viral / IM	2006 2013	multi-dose vial or syringe
	FluMist®	LAIV4	Medimmune	Live Attenuated Viral / Intranasal (spray)	2003	single-dose intranasal sprayer
	Fluvirin®	IIV3	Novartis	Inactivated Viral / IM	1988	multi-dose vial or syringe
	Fluzone®	IIV3 IIV4	sanofi	Inactivated Viral / IM	1980	multi-dose vial or syringe
	Fluzone® High-Dose	IIV3	sanofi	Inactivated Viral / IM	2009	syringe
	Fluzone® Intradermal	IIV3	sanofi	Inactivated Viral / Intradermal	2011	single-dose microinjection system
Japanese encephalitis	Ixiaro®	JE	Valneva	Inactivated Viral / IM	2009	syringe
Measles, Mumps, Rubella	M-M-R® II	MMR	Merck	Live Attenuated Viral / SC	1978 (First MMR – 1971)	single-dose vial
Measles, Mumps, Rubella, Varicella	ProQuad®	MMRV	Merck	Live Attenuated Viral / SC	2005	single-dose vial
Meningococcal	Menomune®	MPSV4	sanofi	Inactivated Bacterial / SC	1981	single-dose vial or multi-dose vial
	Menactra®	MCV4 MenACWY	sanofi	Inactivated Bacterial / IM	2005	single-dose vial
	Menveo®	MCV4 MenACWY	GlaxoSmithKline	Inactivated Bacterial / IM	2010	single-dose vial
	Trumenba®	MenB	Pfizer	Recombinant Bacterial / IM	2014	syringe
	Bexsero®	MenB	GlaxoSmithKline	Recombinant Bacterial / IM	2015	syringe

Vaccine	Trade Name	Abbreviation	Manufacturer	Type / Route	Approved	How Supplied
Pneumococcal	Pneumovax <sup>®</sup> 23	PPSV23	Merck	Inactivated Bacterial / SC or IM	1983	single-dose vial, multi-dose vial, or syringe
	Prenar 13 <sup>®</sup>	PCV13	Pfizer	Inactivated Bacterial / IM	2010 (PCV7 – 2000)	syringe
Polio	Ipol <sup>®</sup>	IPV	sanofi	Inactivated Viral / SC or IM	1990 (IPV-1955)	multi-dose vial or syringe
Rabies	Imovax <sup>®</sup> Rabies		sanofi	Inactivated Viral / IM	1980	single-dose vial
	RabAvert <sup>®</sup>		GlaxoSmithKline	Inactivated Viral / IM	1997	single-dose vial
Rotavirus	RotaTeq <sup>®</sup>	RV5	Merck	Live Viral / Oral (liquid)	2006	single-dose tube
	Rotarix <sup>®</sup>	RV1	GlaxoSmithKline	Live Viral / Oral (liquid)	2008	single-dose oral applicator
Tetanus, (reduced) Diphtheria	Decavac <sup>®</sup>	Td	sanofi	Inactivated Bacterial Toxoids / IM	1955	single-dose vial or syringe
	Tenivac <sup>®</sup>	Td	sanofi	Inactivated Bacterial Toxoids / IM	2003	single-dose vial or syringe
	(Generic)	Td	Massachusetts Biological Labs	Inactivated Bacterial Toxoids / IM	1967	single-dose vial
Tetanus, (reduced) Diphtheria, (reduced) Pertussis	Boostrix <sup>®</sup>	Tdap	GlaxoSmithKline	Inactivated Bacterial / IM	2005	single-dose vial or syringe
	Adacel <sup>®</sup>	Tdap	sanofi	Inactivated Bacterial / IM	2005	single-dose vial or syringe
Typhoid	Typhim Vi <sup>®</sup>		sanofi	Inactivated Bacterial / IM	1994	multi-dose vial or syringe
	Vivotif <sup>®</sup>		PaxVax	Live Attenuated Bacterial / Oral (capsules)	1989	package of 4 capsules
Varicella	Varivax <sup>®</sup>	VAR	Merck	Live Attenuated Viral / SC	1995	single-dose vial
Vaccinia (Smallpox)	ACAM2000 <sup>®</sup>		sanofi	Live Attenuated Viral / Percutaneous	2007	multi-dose vial
Yellow Fever	YF-Vax <sup>®</sup>	YF	sanofi	Live Attenuated Viral / SC	1978	multi-dose vial

**U.S. Vaccines: Table 2**  
(Combination Vaccines)

Vaccine	Trade Name	Abbreviation	Manufacturer	Type / Route	Approved	How Supplied
DTaP, Polio	Kinrix <sup>®</sup>	DTaP-IPV	GlaxoSmithKline	Inactivated Bacterial & Viral / IM	2008	single-dose vial or syringe
DTaP, hepatitis B, Polio	Pediarix <sup>®</sup>	DTaP-HepB-IPV	GlaxoSmithKline	Inactivated Bacterial & Viral / IM	2002	syringe
DTaP, Polio, <i>Haemophilus influenzae</i> type b	Pentacel <sup>®</sup>	DTaP-IPV/Hib	sanofi	Inactivated Bacterial & Viral / IM	2008	single-dose vial
<i>Haemophilus influenzae</i> type b – hepatitis B	Comvax <sup>®</sup>	Hib-HepB	Merck	Inactivated Bacterial & Viral / IM	1996	single-dose vial
<i>Haemophilus influenzae</i> type b, Meningococcal	MenHibrix <sup>®</sup>	Hib-MenCY	GlaxoSmithKline	Inactivated Bacterial / IM	2012	single-dose vial
Hepatitis A, Hepatitis B	Twinrix <sup>®</sup>	HepA-HepB	GlaxoSmithKline	Inactivated/Recombinant Viral / IM	2001	single-dose vial or syringe

### Abbreviations

The abbreviations on this table (Column 3) were standardized jointly by staff of the Centers for Disease Control and Prevention, ACIP Work Groups, the editor of the *Morbidity and Mortality Weekly Report (MMWR)*, the editor of *Epidemiology and Prevention of Vaccine-Preventable Diseases* (the *Pink Book*), ACIP members, and liaison organizations to the ACIP.

These abbreviations are intended to provide a uniform approach to vaccine references used in ACIP Recommendations and Policy Notes published in the *MMWR*, the *Pink Book*, and the American Academy of Pediatrics *Red Book*, and in the U.S. immunization schedules for children, adolescents, and adults.

In descriptions of combination vaccines, dash (-) indicates: products in which the active components are supplied in their final (combined) form by the manufacturer; slash ( / ) indicates: products in which active components must be mixed by the user.

March 2015

## Selected Discontinued U.S. Vaccines

Trade Name	Antigen(s)	Years
Acel-Imune	DTaP	1991-2001
Attenuvax	Measles (live)	
Attenuvax-Smallpox	Measles-Smallpox	1967
b-CAPSA-1	Hib (polysaccharide)	1985-89
Biavax	Rubella-Mumps (live)	
BioRab	Rabies	1988-2007
Cendevax	Rubella (live)	1969-79
Certiva	DTaP	1998-2000
Decavac	Td	1953-2012
Dip-Pert-Tet	DTP	
Diptussis	Diphtheria-Pertussis	1949-55
Dryvax	Vaccinia	1944-2008
Ecolarix	Measles-Rubella (live)	
Flu Shield	Influenza	
Fluogen	Influenza	
generic	Tetanus-Toxoid (adsorbed)	1937-2014
Heptavax-B	Hepatitis B (plasma derived)	1981-90
HIB-Immune	Hib (polysaccharide)	1985-89
HibTITER	Hib (conjugate)	1990-2007
HIB-Vax	Hib (polysaccharide)	1985-89
JE-VAX	Japanese Encephalitis	1992-2011
Liovax	Smallpox	
Lirubel	Measles-Rubella (live)	1974-78
Lirugen	Measles (live)	1965-76
Lymmerix	Lyme Disease	1998-2002
M-Vac	Measles	1963-79
M-M-Vax	Measles-Mumps (live)	1973
Meningovax	Meningococcal	
Meruvax II	Rubella (live)	1969-79
Mevilin-L	Measles (live)	

# Appendix B

Trade Name	Antigen(s)	Years
MOPV	Polio (live, oral, monovalent, types I, II, & III)	
Mumpsvox	Mumps (live)	
OmniHIB	Hib (conjugate)	
Orimune	Polio (live, oral)	1961-2000
Perdipigen	Diphtheria/Pertussis	1949-55
Pfizer-Vax Measles-K	Measles (inactivated)	1963-68
Pfizer-Vax Measles-L	Measles (live)	1965-70
Pnu-Imune	Pneumococcal (polysaccharide 14- or 23-valent)	1977-83
Poliovox	Polio (inactivated)	1988-91
Prevnar	Pneumococcal (conjugate 7-valent)	2000-2011
ProHIBIT	Hib (conjugate)	1987-2000
Purivax	Polio (inactivated)	1956-65
Quadrigen	DTP-Polio	1959-68
Rabies Iradogen	Rabies	1908-57
RotaShield	Rotavirus (live oral)	1998-99
Rubelogen	Rubella (live)	1969-72
Rubeovax	Measles (live)	1963-71
Serobacterin	Pertussis	1945-54
Solgen	DTP	1962-77
Tetra-Solgen	DTP-Polio	1959-68
Tetramune	DTP-Hib	
Tetravax	DTP-Polio	1959-65
Topagen	Pertussis (intranasal)	
Tri-Immunol	DTP	
Tridipigen	DTP	
TriHIBit	DTaP/Hib	1996-2011
Trinfagen No. 1	DT-Polio	Early 1960s
Trinivac	DTP	1952-64
Tripedia	DTaP	1992-2011
Wyvac	Rabies	1982-85

March 2013

B



## Vaccine Excipient & Media Summary

### Excipients Included in U.S. Vaccines, by Vaccine

This table includes not only vaccine ingredients (e.g., adjuvants and preservatives), but also substances used during the manufacturing process, including vaccine-production media, that are removed from the final product and present only in trace quantities.  
In addition to the substances listed, most vaccines contain Sodium Chloride (table salt).

**Last Updated February 2015**

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. If in doubt, check the manufacturer's package insert.

Vaccine	Contains	Source: Manufacturer's P.I. Dated
Adenovirus	sucrose, D-mannose, D-fructose, dextrose, potassium phosphate, plasdone C, anhydrous lactose, micro crystalline cellulose, polacrillin potassium, magnesium stearate, cellulose acetate phthalate, alcohol, acetone, castor oil, FD&C Yellow #6 aluminum lake dye, human serum albumin, fetal bovine serum, sodium bicarbonate, human-diploid fibroblast cell cultures (WI-38), Dulbecco's Modified Eagle's Medium, monosodium glutamate	March 2011
Anthrax (Biothrax)	aluminum hydroxide, benzethonium chloride, formaldehyde, amino acids, vitamins, inorganic salts and sugars	May 2012
BCG (Tice)	glycerin, asparagine, citric acid, potassium phosphate, magnesium sulfate, Iron ammonium citrate, lactose	February 2009
DT (Sanofi)	aluminum potassium sulfate, peptone, bovine extract, formaldehyde, thimerosal (trace), modified Mueller and Miller medium, ammonium sulfate	December 2005
DTaP (Daptacel)	aluminum phosphate, formaldehyde, glutaraldehyde, 2-Phenoxyethanol, Stainer-Scholte medium, modified Mueller's growth medium, modified Mueller-Miller casamino acid medium (without beef heart infusion), dimethyl 1-beta-cyclodextrin, ammonium sulfate	October 2013
DTaP (Infanrix)	formaldehyde, glutaraldehyde, aluminum hydroxide, polysorbate 80, Fenton medium (containing bovine extract), modified Latham medium (derived from bovine casein), modified Stainer-Scholte liquid medium	November 2013
DTaP-IPV (Kinrix)	formaldehyde, glutaraldehyde, aluminum hydroxide, Vero (monkey kidney) cells, calf serum, lactalbumin hydrolysate, polysorbate 80, neomycin sulfate, polymyxin B, Fenton medium (containing bovine extract), modified Latham medium (derived from bovine casein), modified Stainer-Scholte liquid medium	November 2013
DTaP-HepB-IPV (Pediarix)	formaldehyde, glutaraldehyde, aluminum hydroxide, aluminum phosphate, lactalbumin hydrolysate, polysorbate 80, neomycin sulfate, polymyxin B, yeast protein, calf serum, Fenton medium (containing bovine extract), modified Latham medium (derived from bovine casein), modified Stainer-Scholte liquid medium, Vero (monkey kidney) cells	November 2013
DTaP-IPV/Hib (Pentacel)	aluminum phosphate, polysorbate 80, formaldehyde, sucrose, glutaraldehyde, bovine serum albumin, 2-phenoxethanol, neomycin, polymyxin B sulfate, Mueller's Growth Medium, Mueller-Miller casamino acid medium (without beef heart infusion), Stainer-Scholte medium (modified by the addition of casamino acids and dimethyl-beta-cyclodextrin), MRC-5 (human diploid) cells, CMRL 1969 medium (supplemented with calf serum), ammonium sulfate, and medium 199	October 2013
Hib (ActHIB)	ammonium sulfate, formalin, sucrose, Modified Mueller and Miller medium	January 2014
Hib (Hiberix)	formaldehyde, lactose, semi-synthetic medium	March 2012
Hib (PedvaxHIB)	aluminum hydroxphosphate sulfate, ethanol, enzymes, phenol, detergent, complex fermentation medium	December 2010

# Appendix B

Vaccine	Contains	Source: Manufacturer's P.I. Dated
Hib/Hep B (Comvax)	yeast (vaccine contains no detectable yeast DNA), nicotinamide adenine dinucleotide, hemin chloride, soy peptone, dextrose, mineral salts, amino acids, formaldehyde, potassium aluminum sulfate, amorphous aluminum hydroxyphosphate sulfate, sodium borate, phenol, ethanol, enzymes, detergent	December 2010
Hib/Mening. CY (MenHibrix)	tris (trometamol)-HCl, sucrose, formaldehyde, synthetic medium, semi-synthetic medium	2012
Hep A (Havrix)	aluminum hydroxide, amino acid supplement, polysorbate 20, formalin, neomycin sulfate, MRC-5 cellular proteins	December 2013
Hep A (Vaqta)	amorphous aluminum hydroxyphosphate sulfate, bovine albumin, formaldehyde, neomycin, sodium borate, MRC-5 (human diploid) cells	February 2014
Hep B (Engerix-B)	aluminum hydroxide, yeast protein, phosphate buffers, sodium dihydrogen phosphate dihydrate	December 2013
Hep B (Recombivax)	yeast protein, soy peptone, dextrose, amino acids, mineral salts, potassium aluminum sulfate, amorphous aluminum hydroxyphosphate sulfate, formaldehyde, phosphate buffer	May 2014
Hep A/Hep B (Twinrix)	formalin, yeast protein, aluminum phosphate, aluminum hydroxide, amino acids, phosphate buffer, polysorbate 20, neomycin sulfate, MRC-5 human diploid cells	August 2012
Human Papillomavirus (HPV) (Cervarix)	vitamins, amino acids, lipids, mineral salts, aluminum hydroxide, sodium dihydrogen phosphate dehydrate, 3-O-desacyl-4' Monophosphoryl lipid A, insect cell, bacterial, and viral protein	November 2013
Human Papillomavirus (HPV) (Gardasil)	yeast protein, vitamins, amino acids, mineral salts, carbohydrates, amorphous aluminum hydroxyphosphate sulfate, L-histidine, polysorbate 80, sodium borate	June 2014
Human Papillomavirus (HPV) (Gardasil 9)	yeast protein, vitamins, amino acids, mineral salts, carbohydrates, amorphous aluminum hydroxyphosphate sulfate, L-histidine, polysorbate 80, sodium borate	December 2014
Influenza (Afluria)	beta-propiolactone, thimerosal (multi-dose vials only), monobasic sodium phosphate, dibasic sodium phosphate, monobasic potassium phosphate, potassium chloride, calcium chloride, sodium taurodeoxycholate, neomycin sulfate, polymyxin B, egg protein, sucrose	December 2013
Influenza (Agriflu)	egg proteins, formaldehyde, polysorbate 80, cetyltrimethylammonium bromide, neomycin sulfate, kanamycin, barium	2013
Influenza (Fluarix) Trivalent and Quadrivalent	octoxynol-10 (Triton X-100), $\alpha$ -tocopheryl hydrogen succinate, polysorbate 80 (Tween 80), hydrocortisone, gentamicin sulfate, ovalbumin, formaldehyde, sodium deoxycholate, sucrose, phosphate buffer	June 2014
Influenza (Flublok)	monobasic sodium phosphate, dibasic sodium phosphate, polysorbate 20, baculovirus and host cell proteins, baculovirus and cellular DNA, Triton X-100, lipids, vitamins, amino acids, mineral salts	March 2014
Influenza (Flucelvax)	Madin Darby Canine Kidney (MDCK) cell protein, MDCK cell DNA, polysorbate 80, cetyltrimethylammonium bromide, $\beta$ -propiolactone, phosphate buffer	March 2014
Influenza (Fluvirin)	nonylphenol ethoxylate, thimerosal (multidose vial—trace only in prefilled syringe), polymyxin, neomycin, beta-propiolactone, egg proteins, phosphate buffer	February 2014
Influenza (Flulaval) Trivalent and Quadrivalent	thimerosal, formaldehyde, sodium deoxycholate, egg proteins, phosphate buffer	February 2013
Influenza (Fluzone: Standard (Trivalent and Quadrivalent), High-Dose, & Intradermal)	formaldehyde, octylphenol ethoxylate (Triton X-100), gelatin (standard trivalent formulation only), thimerosal (multi-dose vial only), egg protein, phosphate buffers, sucrose	2014

B

Vaccine	Contains	Source: Manufacturer's P.I. Dated
Influenza (FluMist) Quadrivalent	ethylene diamine tetraacetic acid (EDTA), monosodium glutamate, hydrolyzed porcine gelatin, arginine, sucrose, dibasic potassium phosphate, monobasic potassium phosphate, gentamicin sulfate, egg protein	July 2013
Japanese Encephalitis (Ixiaro)	aluminum hydroxide, Vero cells, protamine sulfate, formaldehyde, bovine serum albumin, sodium metabisulphite, sucrose	May 2013
Meningococcal (MCV4-Menactra)	formaldehyde, phosphate buffers, Mueller Hinton agar, Watson Scherp media, Modified Mueller and Miller medium, detergent, alcohol, ammonium sulfate	April 2013
Meningococcal (MCV4-Menveo)	formaldehyde, amino acids, yeast extract, Franz complete medium, CY medium	August 2013
Meningococcal (MPSV4-Menomune)	thimerosal (multi-dose vial only), lactose, Mueller Hinton casein agar, Watson Scherp media, detergent, alcohol	April 2013
Meningococcal (MenB – Bexsero)	aluminum hydroxide, <i>E. coli</i> , histidine, sucrose, deoxycholate, kanamycin	2015
Meningococcal (MenB – Trumenba)	polysorbate 80, histidine, <i>E. coli</i> , fermentation growth media	October 2015
MMR (MMR-II)	Medium 199 (vitamins, amino acids, fetal bovine serum, sucrose, glutamate), Minimum Essential Medium, phosphate, recombinant human albumin, neomycin, sorbitol, hydrolyzed gelatin, chick embryo cell culture, WI-38 human diploid lung fibroblasts	June 2014
MMRV (ProQuad)	sucrose, hydrolyzed gelatin, sorbitol, monosodium L-glutamate, sodium phosphate dibasic, human albumin, sodium bicarbonate, potassium phosphate monobasic, potassium chloride, potassium phosphate dibasic, neomycin, bovine calf serum, chick embryo cell culture, WI-38 human diploid lung fibroblasts, MRC-5 cells	March 2014
Pneumococcal (PCV13 – Prevnar 13)	casamino acids, yeast, ammonium sulfate, Polysorbate 80, succinate buffer, aluminum phosphate, soy peptone broth	January 2014
Pneumococcal (PPSV-23 – Pneumovax)	phenol	May 2014
Polio (IPV – Ipol)	2-phenoxyethanol, formaldehyde, neomycin, streptomycin, polymyxin B, monkey kidney cells, Eagle MEM modified medium, calf serum protein, Medium 199	May 2013
Rabies (Imovax)	Human albumin, neomycin sulfate, phenol red indicator, MRC-5 human diploid cells, beta-propiolactone	April 2013
Rabies (RabAvert)	β-propiolactone, potassium glutamate, chicken protein, egg protein, neomycin, chlortetracycline, amphotericin B, human serum albumin, polygeline (processed bovine gelatin), sodium EDTA, bovine serum	March 2012
Rotavirus (RotaTeq)	sucrose, sodium citrate, sodium phosphate monobasic monohydrate, sodium hydroxide, polysorbate 80, cell culture media, fetal bovine serum, vero cells [ <i>DNA from porcine circoviruses (PCV) 1 and 2 has been detected in RotaTeq. PCV-1 and PCV-2 are not known to cause disease in humans.</i> ]	June 2013
Rotavirus (Rotarix)	amino acids, dextran, sorbitol, sucrose, calcium carbonate, xanthan, Dulbecco's Modified Eagle Medium (potassium chloride, magnesium sulfate, ferric (III) nitrate, sodium phosphate, sodium pyruvate, D-glucose, concentrated vitamin solution, L-cystine, L-tyrosine, amino acids solution, L-glutamine, calcium chloride, sodium hydrogenocarbonate, and phenol red) [ <i>Porcine circovirus type 1 (PCV-1) is present in Rotarix. PCV-1 is not known to cause disease in humans.</i> ]	May 2014
Smallpox (Vaccinia – ACAM2000)	human serum albumin, mannitol, neomycin, glycerin, polymyxin B, phenol, Vero cells, HEPES	September 2009

# Appendix B

Vaccine	Contains	Source: Manufacturer's P.I. Dated
Td (Decavac)	aluminum potassium sulfate, peptone, formaldehyde, thimerosal, bovine muscle tissue (US sourced), Mueller and Miller medium, ammonium sulfate	March 2011
Td (Tenivac)	aluminum phosphate, formaldehyde, modified Mueller-Miller casamino acid medium without beef heart infusion, ammonium sulfate	April 2013
Td (Mass Biologics)	aluminum phosphate, formaldehyde, thimerosal (trace), ammonium phosphate, modified Mueller's media (containing bovine extracts)	February 2011
Tdap (Adacel)	aluminum phosphate, formaldehyde, glutaraldehyde, 2-phenoxyethanol, ammonium sulfate, Stainer-Scholte medium, dimethyl-beta-cyclodextrin, modified Mueller's growth medium, Mueller-Miller casamino acid medium (without beef heart infusion)	March 2014
Tdap (Boostrix)	formaldehyde, glutaraldehyde, aluminum hydroxide, polysorbate 80 (Tween 80), Latham medium derived from bovine casein, Fenton medium containing a bovine extract, Stainer-Scholte liquid medium	February 2013
Typhoid (inactivated – Typhim Vi)	hexadecyltrimethylammonium bromide, formaldehyde, phenol, polydimethylsiloxane, disodium phosphate, monosodium phosphate, semi-synthetic medium	March 2014
Typhoid (oral – Ty21a)	yeast extract, casein, dextrose, galactose, sucrose, ascorbic acid, amino acids, lactose, magnesium stearate, gelatin	September 2013
Varicella (Varivax)	sucrose, phosphate, glutamate, gelatin, monosodium L-glutamate, sodium phosphate dibasic, potassium phosphate monobasic, potassium chloride, sodium phosphate monobasic, potassium chloride, EDTA, residual components of MRC-5 cells including DNA and protein, neomycin, fetal bovine serum, human diploid cell cultures (WI-38), embryonic guinea pig cell cultures, human embryonic lung cultures	March 2014
Yellow Fever (YF-Vax)	sorbitol, gelatin, egg protein	May 2013
Zoster (Shingles – Zostavax)	sucrose, hydrolyzed porcine gelatin, monosodium L-glutamate, sodium phosphate dibasic, potassium phosphate monobasic, neomycin, potassium chloride, residual components of MRC-5 cells including DNA and protein, bovine calf serum	February 2014

A table listing vaccine excipients and media *by excipient* can be found in:

Grabenstein JD. *ImmunoFacts: Vaccines and Immunologic Drugs* – 2013 (38<sup>th</sup> revision). St Louis, MO: Wolters Kluwer Health, 2012.

## Latex in Vaccine Packaging

“If a person reports a severe (anaphylactic) allergy to latex, vaccines supplied in vials or syringes that contain natural rubber, or whose product information does not say “not made with natural rubber latex” should not be administered unless the benefit of vaccination outweighs the risk for a potential allergic reaction. In these cases, providers should be prepared to treat patients who are having an allergic reaction. For latex allergies other than anaphylactic allergies (e.g., a history of contact allergy to latex gloves), vaccines supplied in vials or syringes that contain dry natural rubber or rubber latex may be administered.” (ACIP *General Recommendations on Immunization*. 2011)

The following table is accurate, to the best of our knowledge, as of February 2015. **If in doubt, check the package insert for the vaccine in question.**

Vaccine		Latex?	Source: Manufacturer's PI Dated:
Adenovirus (Adenovirus Type 4 and Type 7)		NO	March 2011
Anthrax (Biothrax)		YES – Vial	May 2012
Comvax		YES – Vial	December 2010
DTaP	Daptacel	NO	October 2013
	Infanrix	YES – Syringe NO – Vial	November 2013
DT (Sanofi)		YES	December 2005
Hib	Hiberix	YES – Syringe Tip Cap	March 2012
	PedvaxHIB	YES – Vial	December 2010
	ActHIB	YES – Diluent vial NO – Lyophilized vaccine vial	January 2014
Hepatitis A	Havrix	YES – Syringe NO – Vial	December 2013
	Vaqta	YES – Vial YES – Syringe	February 2014
Hepatitis B	Engerix-B	YES – Syringe NO – Vial	December 2013
	Recombivax HB	YES – Vial YES – Syringe	May 2014
HPV	Gardasil	NO	June 2014
	Gardasil 9	NO	December 2014
	Cervarix	YES	November 2013
Influenza	Afluria	NO	December 2013
	Agriflu	YES – Syringe Tip Cap	2013
	Fluarix	NO	June 2014
	Fluarix Quadrivalent	NO	June 2014
	Flublok	NO	March 2014
	Flucelvax	YES – Syringe Tip Cap	March 2014
	FluLaval	NO	February 2013
	FluMist Quadrivalent	NO	July 2013
	Fluvirin	YES – Syringe Tip Cap NO – Vial	February 2014

# Appendix B

Vaccine		Latex?	Source: Manufacturer's PI Dated:
Influenza (cont'd)	Fluzone	NO	2014
	Fluzone High-Dose	NO	2014
	Fluzone Intradermal	NO	2014
	Fluzone Quadrivalent	NO	2014
Japanese Encephalitis (Ixiaro)		NO	May 2013
Kinrix		YES – Syringe NO – Vial	November 2013
MMR (M-M-R II)		NO	June 2014
MMRV (ProQuad)		NO	March 2014
Meningococcal	Menomune	YES	April 2013
	Menactra	NO	April 2013
	Menveo	NO	August 2013
	Bexsero	YES – Syringe Tip Cap	2015
	Trumenba	NO	October 2014
MenHibrix		NO	2012
Pediarix		YES – Syringe NO – Vial	November 2013
Pentacel		NO	October 2013
Pneumococcal	Pneumovax 23	NO	May 2014
	Prevnar 13	NO	January 2014
Polio (IPOL)		NO	May 2013
Rabies	Imovax Rabies	NO	April 2013
	RabAvert	NO	March 2012
Rotavirus	RotaTeq	NO	June 2013
	Rotarix	YES – Oral Applicator of Diluent	May 2014
Td	Decavac	YES – Syringe NO – Vial	March 2011
	Tenivac	NO	April 2013
	Mass Biologics	NO	February 2011
Tdap	Adacel	YES – Syringe Tip Cap NO – Vial	March 2014
	Boostrix	YES – Syringe NO – Vial	February 2014
Twinrix		YES – Syringe NO – Vial	August 2012
Typhoid	Typhim Vi	NO	March 2014
	Vivotif Berna	NO	September 2013
Varicella (Varivax)		NO	March 2014
Vaccinia (Smallpox) (ACAM2000)		NO	September 2009
Yellow Fever (YF-Vax)		YES – Vial	May 2013
Zoster (Shingles) (Zostavax)		NO	February 2014

February 2015

**B**

## THIMEROSAL TABLE

(updated 12/11/13)

Institute for Vaccine Safety

www.vaccinesafety.edu

Vaccine	Brand Name	Manufacturer	Thimerosal Concentration	Mercury Mcg/0.5 mL	
<b>Anthrax</b>	BioThrax	BioPort Corp	0	0	
<b>DTaP</b>	Daptacel	sanofi pasteur	0	0	
	Infanrix	GlaxoSmithKline	0	0	
	Tripedia	sanofi pasteur	*	*	
<b>DTaP+HepB+IPV</b>	Pediarix	GlaxoSmithKline	0	0	
<b>DTaP+IPV</b>	Kinrix	GlaxoSmithKline	0	0	
<b>DTaP+IPV+Hib</b>	Pentacel	sanofi pasteur	0	0	
<b>DT</b>	Diphtheria & Tetanus Toxoids Adsorbed USP	sanofi pasteur	*	*	
<b>Td</b>	Decavac	sanofi pasteur	*	*	
	Tetanus and Diphtheria Toxoids Adsorbed	Mass Biococial Labs	*	*	
<b>Tdap</b>	Adacel	sanofi pasteur	0	0	
	Boostrix	GlaxoSmithKline	0	0	
<b>Tetanus Toxoid</b>	Generic	sanofi pasteur	.01%	25	
<b>Hib</b>	ActHib	sanofi pasteur	0	0	
	Hiberix	GlaxoSmithKline	0	0	
	PedvaxHIB	Merck	0	0	
<b>Hib+HepB</b>	Comvax	Merck	0	0	
<b>Hepatitis A</b>	Havrix	GlaxoSmithKline	0	0	
	Vaqta	Merck	0	0	
<b>Hepatitis B</b>	Engerix-B	GlaxoSmithKline	0	0	
	Recombivax HB	Merck	0	0	
<b>Hep A+B</b>	Twinrix	GlaxoSmithKline	0	0	
<b>HPV</b>	Cervarix	GlaxoSmithKline	0	0	
	Gardasil	Merck	0	0	
<b>Influenza 2013/14 Formula</b>	Afluria	single dose multi-dose	CSL Limited for Merck	0 0.01%	0 24.5
	Agriflu		Novartis	0	0
	Fluarix	Trivalent & Quadrivalent	GlaxoSmithKline	0	0
	Flublok		Protein Sciences Corp	0	0
	Flucelvax		Novartis	0	0
	FluLaval		GlaxoSmithKline	.01%	25
	FluMist Quadrivalent		MedImmune	0	0
	Fluvirin	prefilled syringe multi-dose	Novartis	*	*
	Fluzone	single dose	sanofi pasteur	0	0
		multi-dose		0.01%	25
High Dose		0		0	
Intradermal Quadrivalent		0		0	
<b>Japanese Encephalitis</b>	Ixiaro	commercial   military	Intercell Bio	0	0
	JE-Vax		sanofi pasteur	0.007%	
<b>Meningococcal</b>	Menactra		sanofi pasteur	0	0
	Menomune-A/C/Y/W-135	single dose multi-dose	sanofi pasteur	0 0.01%	0 24.5
	Menveo		Novartis	0	0

# Appendix B

<b>MMR</b>	M-M-R II	Merck	<b>0</b>	<b>0</b>
<b>MMR+Varicella</b>	ProQuad	Merck	<b>0</b>	<b>0</b>
<b>Pneumococcal</b>	Pneumovax 23	Merck	<b>0</b>	<b>0</b>
	Prevnar	Wyeth-Ayerst	<b>0</b>	<b>0</b>
	Prenar 13	Wyeth-Ayers	<b>0</b>	<b>0</b>
<b>Polio</b>	IPOL	sanofi pasteur	<b>0</b>	<b>0</b>
<b>Rabies</b>	Imovax	sanofi pasteur	<b>0</b>	<b>0</b>
	RabAvert	Chiron	<b>0</b>	<b>0</b>
<b>Rotavirus</b>	Rotarix	GlaxoSmithKline	<b>0</b>	<b>0</b>
	RotaTeq	Merck	<b>0</b>	<b>0</b>
<b>Typhoid Fever</b>	Typhim Vi	sanofi pasteur	<b>0</b>	<b>0</b>
	Vivotif	Berna Biotch	<b>0</b>	<b>0</b>
<b>Varicella Zoster</b>	Varivax	Merck	<b>0</b>	<b>0</b>
	Zostavax	Merck	<b>0</b>	<b>0</b>
<b>Yellow Fever</b>	YF-VAX	sanofi pasteur	<b>0</b>	<b>0</b>

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

Institute for Vaccine Safety



Johns Hopkins Bloomberg  
School of Public Health

[www.vaccinesafety.edu](http://www.vaccinesafety.edu)



## Foreign Language Terms

Aids to translating foreign immunization records.

**Table 1: Disease, Vaccine, and Related Terms.** This table lists terms for vaccine-preventable diseases and vaccines, and other terms that might be found on an immunization record, by language.

**Table 2: Trade Names.** This table lists the names of specific vaccines that are used, or have been used, internationally, along with the manufacturer and country or region where the vaccine is produced or used, when known.

These tables have been adapted from (among other sources)  
lists developed by  
the Minnesota Department of Health Immunization Program  
(now maintained by the Immunization Action Coalition)  
and  
Washington State Department of Health.

See also:

<http://www.immunize.org/izpractices/p5121.pdf>

These lists are not comprehensive. We have checked sources,  
but we cannot claim complete accuracy.

## Foreign Vaccines

Table 1: Disease, Vaccine, and Related Terms

Albanian	
Difteria	Diphtheria
Fruthi	Measles
Pertusisi	Pertussis
Tetanozi	Tetanus
Arabic	
Alhasiba	Rubella
As'al	Pertussis
Athab	Mumps
Difteria	Diphtheria
El Safra	Hepatitis
Has 'ba	Measles
Shel'el	Polio
Bosnian	
Beseže	BCG
Detepe	DPT
Difterija	Diphtheria
Dječja paraliza	Polio
Gripa	Influenza
Ljudski papilloma virus	Human Papillomavirus
Male boginje	Rubella
Ospice	Chickenpox
Rubeola	Measles
Tuberkuloza	Tuberculosis
Upala pluća	Pneumonia
Veliki boginje	Smallpox
Veliki kašalj	Pertussis
Zauške	Mumps
Žutica	Hepatitis
Chinese	
疫苗	Vaccine
麻疹	Measles
腮腺炎	Mumps
白	Diphtheria
流感 or 流行性感冒	Influenza
乙	B
Croatian	
Beseže	BCG
Detepe	DTP
Difterija	Diphtheria
Dječje paralize	Polio
Gripe	Influenza
Haemophilus influenzae tipa b	<i>Haemophilus influenzae</i> type b
Hri povac	Pertussis

Kašalj hripavac	Pertussis
Meningokoknog konjugirati	Meningococcal Conjugate
Ospice	Measles
Pneumokoka konjugirano	Pneumococcal Conjugate
Rotavirusa	Rotavirus
Rubeola	Rubella
Šindra	Shingles (Herpes Zoster)
Tetanus	Tetanus
Tuberculosis	Tuberculosis
Upala pluća	Pneumonia
Veliki boginje	Smallpox
Vodene kozice	Varicella
Zapaljenje	Hepatitis
Zaušnjaci	Mumps
Žutica	Hepatitis
Czech	
Davivy Kasel	Pertussis
Difterie	Diphtheria
Hepatitisida	Hepatitis
Parotitida	Mumps
Pertuse	Pertussis
Poliomyelitis	Polio
Plané Nestovice	Chickenpox
Spalnický	Measles
Subinuirá	Influenza
Zardenky	Rubella
Zaškrt	Diphtheria
Zlutá žimnice	Yellow Fever
Danish	
Bornelammelse	Polio
Difteritis	Diphtheria
Faaresyge (Fåresyge)	Mumps
Kighoste	Pertussis
Leverbetaendelse	Hepatitis
Meslinger	Measles
MFR	MMR
Rode Hunde	Rubella
Stivkrampe	Tetanus
Dutch	
BMR	MMR
Bof	Mumps
Difterie	Diphtheria
DKTP	DTP
Gelekoorts	Yellow Fever
Gordelroos	Varicella

Griep	Influenza
Humaan papillovirus	Human papillomavirus
Kinderverlamming	Polio
Kinkhoest	Pertussis
Longontsteking	Pneumonia
Mazelen	Measles
Meningokokken conjugaat	Meningococcal Conjugate
Pneumokokken conjugaat	Pneumococcal conjugaat
Pokken	Smallpox
Rode hond	Rubella
Stijfkramph	Tetanus
Tering	Tuberculosis
Waterpekkea	Chickenpox
<b>Ethiopian (Oromiffaa)</b>	
Cufaa	Tetanus
Difteeriyaa	Diphtheria
Gifira	Measles
Gifira farangli	Rubella
Laamsheesaa	Polio
Qakkee	Pertussis
Shimbiraa	Hepatitis
<b>Finnish</b>	
Hinkuyska	Pertussis
Jaykkakouristus	Tetanus
Kurkkumata	Diphtheria
Lapsihalvaus	Polio
Sikotauti	Mumps
Tuhkarokko	Measles
Vihurirokko	Rubella
<b>French</b>	
Coqueluche	Pertussis
Diphthérie	Diphtheria
DTC, DT Coq	DTP
DTCP	DTP +Polio
Fievre jaune	Yellow Fever
Grippe	Influenza
l'Haemophilus b	Hib
Oreillons	Mumps
Poliomyélite	Polio
ROR	MMR
Rougeole	Measles
Rubéole	Rubella
Tétanos	Tetanus
Tuberculose	Tuberculosis
Variole	Smallpox
<b>German</b>	
Diphtherie	Diphtheria
FSME	Tick-borne encephalitis
Gelbfieber	Yellow Fever

Grippe	Influenza
Keuchhusten	Pertussis
Kinderlähmung	Polio
Masern	Measles
Pocken	Smallpox
Röteln	Rubella
Starrkramph	Tetanus
Tuberculose	Tuberculosis
Wundstarrkrampf	Tetanus
Zei Genpeter	Mumps
<b>Greek</b>	
Δινηθρίτιδα, Τέτανος και Κοκκύτης	DTP
Ο Αιμόνιλος της γρίππης τύπου Β	Hib
Μηνιγγοκοκκική Ασθένεια ομάδας C	Meningococcal C
Ιλαρά - Μαγουλάδης - Ερυθρά	MMR
Πολιομυελίτιδα	Polio
Τέτανος και Δινηθρίτιδα	Td
<b>Haitian Creole</b>	
Difteri	Diphtheria
Epatit	Hepatitis
Flou	Influenza
Koklich	Pertussis
Lawoujβl, Laroujβl	Measles
Malmouton	Mumps
Polyo	Polio
Ribeyβl	Rubella
Saranpyon	Varicella
Tetanβs	Tetanus
<b>Hmong</b>	
Hawb pob	Pertussis
Kabmob siab hom B	Hepatitis B
Kub cer	Diphtheria
Qhua Maj	Rubella
Qhua Pias	Measles
Qog	Mumps
Tuag tes tuag taw	Polio
Ua npuag	Tetanus
<b>Indonesian</b>	
Batuk rejan	Pertussis
Beguk	Mumps
Biring Peluh	Rubella
Campak	Measles
Difteri	Diphtheria
Penyakit lumpuh	Polio
Radang hati	Hepatitis
<b>Italian</b>	
Antipolio inattivato	IPV
Difterite	Diphtheria
Emofilo b	Hib
Epatite	Hepatitis
Febbre Giallo	Yellow Fever

# Appendix B

Morbillo	Measles
MPR (morbillo, parotite, rosolia)	MMR
Parotite	Mumps
Pertosse	Pertussis
Poliomielite	Polio
Polmonite	Pneumonia
Rosolia	Rubella
Tetano	Tetanus
Tosse Asinina	Pertussis
Tubercolosi	Tuberculosis
Vaioloso	Smallpox
<b>Japanese</b>	
A型肝炎	Hepatitis A
B型肝炎	Hepatitis B
Fushin (風疹)	Rubella
Hashika (麻疹 or はしか)	Measles
Hashofu (破傷風)	Tetanus
Hyakaseki (百日咳)	Pertussis
Jifuteria (ジフテリア)	Diphtheria
Otafukukuaze (流行性耳下腺炎 or おたふくかぜ)	Mumps
Sh naimahi (ポリオ)	Polio
三種混合	DTaP
水痘 or みずぼうそう	Varicella
肺炎球菌	Pneumococcal
インフルエンザ菌	Hib
日本脳炎	Japanese Encephalitis
インフルエンザ	Influenza
ツベルクリン	PPD
追加接種	Booster
<b>Malay</b>	
Batok rejan	Pertussis
Penyaakit bengok	Mumps
Sakit champak	Measles
Sakit rengkong	Diphtheria
<b>Norwegian</b>	
Difteri	Diphtheria
Kikhoste	Pertussis
Kopper	Smallpox
Kusma	Mumps
Leverbetennelse	Hepatitis
Meslinger	Measles
Poliomyelitt	Polio
Rpde hunder	Rubella
Stivkrampe	Tetanus
Vannkopper	Varicella
<b>Polish</b>	
Błonicy, Błonica, Błonnica	Diphtheria
Dyfteria	Diphtheria
Gruzlica	Tuberculosis

Grypa	Influenza
Haemophilus influenzae typu b	<i>Haemophilus influenzae</i> Type b
Koklusz	Pertussis
Krzuscowi, Krztuścowi, Krztusiec	Pertussis
Meningokokom sprzężenia	Meningococcal Conjugate
Odra	Measles
Ospa	Smallpox
Ospa Wietrzna	Chickenpox
Paraliz dziecięcy	Polio
Pojar German	Rubella
Pojarul, Pojarului	Measles
Półpasiec	Shingles (Herpes Zoster)
Przeciwno błonicy	Diphtheria
Przypominające	Booster
Rotavirusy	Rotavirus
Rozyczka	Rubella
Skoniugowanej szczepionki pneumokokowej	Pneumococcal Conjugate
Swinka	Mumps
Tezec, Teżcowi	Tetanus
Wirus brodawczaka ludzkiego	Human Papillomavirus
Wirusowemu zapaleniu wątroby typu A	Hepatitis A
Wirusowemu zapaleniu wątroby typu B	Hepatitis B
Zapalenie płuc	Pneumonia
Zapalenie wątroby	Hepatitis
Zółta Gorączka	Yellow Fever
<b>Portuguese</b>	
Cachumba (papeira)	Mumps
Coqueluche	Pertussis
Difteria	Diphtheria
Febre Amarela	Yellow Fever
Gripe	Influenza
Hepatite	Hepatitis
Paralísia infantil	Polio
Parotidite epidémica	Mumps
Poliomielite	Polio
Rúbéola	Rubella
Sarampo	Measles
Tetânica, Tétano	Tetanus
Triplíce	DTP
VAHB	Hepatitis B Vaccine
VAP	Polio Vaccine
Varicela	Chickenpox
VAS	Measles Vaccine
VASPR	MMR
VAT	Tetanus Vaccine

Romanian	
AR	Measles
Conjugate meningococice	Meningococcal Conjugate
Difteria (Difteriei)	Diphtheria
Di Te	DT
Di-Te-Per	DTP
Febra Galbena	Yellow Fever
Gripa	Influenza
Haemophilus influenza tip b boala	<i>Haemophilus influenzae</i> type b
Hepatita	Hepatitis
Holera	Cholera
Oreion, Oreionul, Oreionului	Mumps
Papilomavirus uman	Human papillomavirus
Pneumococic conjugat	Pneumococcal Conjugate
Pneumoniei	Pneumonia
Pojar German	Rubella
Pojarul	Measles
Poliomielita, Poliomiелitic	Polio
Rubeolei, Rubeola	Rubella
Rujeola, Rujeolei	Measles
Și varicelă	Varicella
Tetanos, Tetanosul, Tetanosului	Tetanus
Tuberculozei	Tuberculosis
Tuse convulsiva, Tusei convulsive	Pertussis
Varicelă, Varicelei	Varicella
Variola, Variolei	Smallpox
Russian	
Бцр	BCG
АКДС	DTP
Дифтерит, Дифтерия	Diphtheria
Гемоинфлюс инфлюэнцы типа Б, Гемофильной инфекции типа Б	Hib
Гепатит	Hepatitis
Вирус папилломы человека	Human Papillomavirus
Грипп	Influenza
Корь	Measles
Свинка, Паротит	Mumps
Коклюша	Pertussis
Лневмокковоя конъюгированной	Pneumococcal conjugate
Воспале лёгких Пневмония	Pneumonia
Полиомиелит	Polio
Ротавирусной	Rotavirus
Краснуха	Rubella
Опоясывающий лишай	Shingles (Herpes Zoster)

Оспа	Smallpox
Столбняк, Столбняка	Tetanus
Туберкулез, Туберкулес	Tuberculosis
Ветрянка, Ветряная Оспа (Вітрянка)	Varicella
Манту	Mantoux (TB Test)
Вакцина	Vaccine
Вакцинация	Series
Ревакцинация	Booster
Подпись	Signature
Серия, доза	Series, Dose
Samoan	
Mami	Mumps
Misela	Measles
Rupela	Rubella
Serbian	
Beseže	BCG
Detepe	DTP
Difterija, Дифтрије	Diphtheria
Хаемохилус Инфлуэнзае Тип Б болести	Haemophilus influenza type b
Хепатитиса А	Hepatitis A
Хепатитиса В	Hepatitis B
Људски Папилома Вирус	Human Papillomavirus
Мале Богиње	Measles
Менингококне Коњуговано	Meningococcal Conjugate
Dječja paraliza	Polio
Gripa, Грип	Influenza
Hri pavac	Pertussis
Male boginje	Rubella
Pijuskavice, Kozice	Varicella
Upala pluća	Pneumonia
Veliki boginje	Smallpox
Veliki kašalj, Великог	Pertussis
Zapaljenje	Hepatitis
Zaušnjaci, Заушке	Mumps
Žutica	Hepatitis
Slovak	
Chrípka	Influenza
Čierny kašeľ	Pertussis
Detská obrna	Poliomyelitis
Diftéria	Diphtheria
DiTePe	DTP
Haemophilus influenza typ b ochorenia	<i>Haemophilus influenzae</i> type b
Hepatitida	Hepatitis
Kiahne	Smallpox
Konjugovaná pneumokoková	Pneumococcal Conjugate
Krzamak	Measles

# Appendix B

L'udský papillomavirus	Human papillomavirus
Meningokokove j konjugovanou	Meningococcal Conjugate
Morbilli, Osýpky	Measles
Ovčím kiahňam, Ovčie kiahne	Varicella
Parotitis	Mumps
Pásového oparu, Pásový opar	Shingles
Polyomyelitída	Polio
Priusnica	Mumps
Rubeola, Ruzienka	Rubella
Tuberkulóza	Tuberculosis
Zápal pľúc	Pneumonia
Záškrť	Diphtheria
<b>Spanish</b>	
Antineumocócica conjugada	Pneumococcal conjugate
Cólera	Cholera
Coqueluche	Pertussis
Difteria	Diphtheria
Doble Antigen	Td (Mexico)
Doble Viral	Measles-Rubella (Mexico)
Duple	DT (Cuba)
Gripe	Influenza
Hemófilo tipo b, Haemophilus influenzae tipo b	Haemophilus influenzae type b
Hemófilo tipo b	Hib
Herpes	Shingles (Herpes Zoster)
Meningococo Conjugada	Meningococcal conjugate
Numonía	Pneumonia
Paperas, Parotiditis	Mumps
Poliomielitis	Polio
Pulmonía	Pneumonia
Rubéola	Rubella
Sarampión, Sarampión Común	Measles
Sarampión Aleman	Rubella
SRP	MMR
Tetánica, Tétano, Tétanos	Tetanus
Tos Ferina	Pertussis
Tuberculínica	Tuberculosis
Varicela	Varicella
Viruela	Smallpox
Virus del Papilloma Humano	Human Papillomavirus
Zona de Matojos	Shingles (Herpes Zoster)
<b>Somali</b>	
Bus-buska	Varicella
Cagaarshowga	Hepatitis
Cuno xanuun	Diphtheria

Dabayl	Polio
Duf	Polio
Furuq	Smallpox
Gowracato	Diphtheria
Gurra dhaabsis	Mumps
Hablobaas	Varicella
Haemophilus nooca b	Hib
Infilowense	Influenza
Jadeeco	Measles
Jadeeco been, Jadeeco jarmalka	Rubella
Joonis	Hepatitis
Kix	Pertussis
Qaamow-Qashiir	Mumps
Qaaxo-Tiibi	Tuberculosis
Qanja Barar	Mumps
Sambabaha	Pneumonia
Tallaakla Qaaxada	BCG
Taytano	Tetanus
Wareento	Pneumonia
Xiiqdheer	Pertussis
<b>Swedish</b>	
Bältros, Herpes Zoste	Shingles (Herpes Zoster)
Difteri	Diphtheria
Duplex	DT
Gula Febern	Yellow Fever
Haemophilus influenzae typ b	Haemophilus influenzae type b
Hepatit A	Hepatitis A
Hepatit B	Hepatitis B
Influensa	Influenza
Kikhosta	Pertussis
Kolera	Cholera
Konjugerat Pneumokock	Pneumococcal conjugate
Mänskliga papillovirus	Human papillomavirus
Mässling, Masslingormerly	Measles
Meningokockinfektion Konjugatet	Meningococcal conjugate
MPR	MMR
Påssjuka, Pässjura	Mumps
Polio	Polio
Röda Hund, Röda Hund	Rubella
Smittkopper, Smittkoppor	Smallpox
Stelkramp	Tetanus
Trippel	DTP
Tuberkulos	Tuberculosis
Vattkopper	Varicella
<b>Tagalog</b>	
Beke	Mumps
Dipterya	Diphtheria

B

Pertusis	Pertussis
Polyo	Polio
Tetano	Tetanus
Tigdas	Measles
<b>Turkish</b>	
Bo maca	Pertussis
Çocuk Felci	Polio
DBT	DPT
Difteri	Diphtheria
Erken Yaz-Beyin İltihabı'na	Tick-borne encephalitis
Grip	Influenza
KKK	MMR
Kabakulak	Mumps
Kızamık	Measles
Kınamıkçık	Rubella
Meningekoklar	Meningococcal
Kuduz	Rabies
Pnömonokoklar	Pneumococcal
Su Çiçe i	Varicella
Tetanos	Tetanus
<b>Ukrainian</b>	
Дифтерія	Diphtheria
Гемофільної інфекції Типу В Захворювань	Haemophilus influenzae type b
Гепатиту S	Hepatitis A
Гепатиту В	Hepatitis B
Вірус Папіломи Людини	Human Papillomavirus
Грипу	Influenza
Менінгококова Сполучених	Meningococcal Conjugate
Кіп	Mumps
Кашлюку	Pertussis
Пневмококкової Кон'югированної	Pneumococcal Conjugate
Поліо, Поліомієліту	Polio
Ротавірусної	Rotavirus
Оперізуючий Герпес (Оперізуючий лЛишай)	Shingles (Herpes Zoster)
Стівіняк, Правця	Tetanus
Вітряної Віспи (Вітрянка)	Varicella
<b>Vietnamese</b>	
Bach Hầu	Diphtheria
Bại liệt	Polio
Ban Đò	Rubella
Dại	Rabies
Ho GB	Pertussis
Quai Bị	Mumps
SBi Uon Ván	Tetanus
Sởi	Measles
Sốt Tả Liệt	Polio
Thuong hBn	Typhoid

Uon ván	Tetanus
Viêm gan sảu vi B (VGSV B)	Hepatitis B
VNNB	Japanese encephalitis

May 2012

## Foreign Language Terms

Table 2: Product Names

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
6 in 1	Diphtheria, tetanus, pertussis, polio, Hib, hepatitis B	GSK, Ireland
ADC-M (AԁC-M)	Td	Russia
A.D.T.	Diphtheria, tetanus (adsorbed)	Commonwealth, Australia
A.K.D.S.	Diphtheria, tetanus, pertussis	UK
ACVax	Meningococcal (polysaccharide A & C)	GSK, UK
ACWYVax	Meningococcal (polysaccharide A, C, Y, W135)	GSK, UK
Acelluvax	Pertussis (acellular)	Chiron, Italy
ACTAcel	Diphtheria, tetanus, pertussis, Hib	Sanofi Pasteur, Argentina
Adifteper	Diphtheria, tetanus, pertussis	Ism, Italy
Adinvira A+B	Influenza (whole virus)	Imuna
Adiugrip	Influenza	Sanofi Pasteur
Admun	Influenza (whole virus)	Duncan
Admune GP	Influenza (whole virus)	Duncan
Agrippal	Influenza	Novartis
AH	Hepatitis B	(Romania)
Aimmugen	Hepatitis A (inactivated)	Chemo-Sero-Therapeutic Resh Inst. Japan
Aldiana	Diphtheria (adsorbed)	Sevac, Czech Republic
Alditeana	Diphtheria, tetanus (adsorbed)	Sevac, Czech Republic
Alditerpera	Diphtheria, tetanus (adsorbed), pertussis	Sevac, Czech Republic
Almevax	Rubella	Evans
Alorbat	Influenza (whole virus)	Asta Pharma
Alteana Sevac	Tetanus	Institute of Sera and Vaccines
AM-BC	Meningococcal B & C	Cuba
Amaril	Yellow Fever	Sanofi Pasteur, France
AmBirix	Hepatitis A, Hepatitis B	GSK, Europe
AMC	Hib (polysaccharide)	Cuba
Anadifterall	Diphtheria (adsorbed)	Chiron, Italy
Anatetall	Tetanus (adsorbed)	Chiron, Italy
Anatoxal Di Te	Diphtheria, tetanus	Berna Biotech, Europe
Anatoxal Di Te per	Diphtheria, tetanus, pertussis	Berna Biotech, Europe
AP	Polio	(Romania)
AS	Measles	Cuba
Arilvax	Yellow fever	MEDI, UK
ATPA	Tetanus toxoid	(Romania)
AVAC-1, AVA	Anthrax	(for U.S. military use)
AVAXIM	Hepatitis A	Aventis Pasteur, France



Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
B-Hepavac II	Hepatitis B	Merck, Singapore
Begrivac	Influenza (split virus)	Novartis
Betagen	Hepatitis B	Sanofi Pasteur
Biaflu Zonale	Influenza (whole virus)	Farmabiagini, Italy
Biken-HB	Hepatitis B	Biken, Japan
Bilive	Hepatitis A/Hepatitis B (recombinant)	Sinovac, China
Bimmugen	Hepatitis B (recombinant, adsorbed, yeast derived)	Chemo-Sero-Therapeutic Resh Inst., Japan
Biviraten Berna	Measles, mumps (live)	Berna Biotech, Switzerland
Buccopol Berna	Polio (oral)	Berna Biotech, Europe
BVAC	Botulinum antitoxin	(for U.S. military use)
B-Vaxin	Hepatitis B	Laboratorios Pablo Cassara, Argentina
C.D.T.	Diphtheria, tetanus (pediatric, adsorbed)	Commonwealth, Australia
CEF	Measles (Schwarz strain)	Chiron, Italy
Cacar	Smallpox	Indonesia
Campak Kerig	Measles	Pasteur Institute, Indonesia
Celluvax	Pertussis (acellular)	Chiron, Italy
Chiromas	Influenza (same as Fluad)	Novartis, Spain
Cinquerix	Diphtheria, tetanus, pertussis, Hib, polio	GSK, Europe
Cocquelucheu	Pertussis (adsorbed)	Sanofi Pasteur, France
Cuadruple	Diphtheria, tetanus, pertussis, Hib	Mexico
D-Immun	Diphtheria	Osterreichisches Institut, Austria
D.S.D.P.T.	Diphtheria, tetanus, pertussis (adsorbed)	Dong Shin Pharm, Korea
D.T. Bis Rudivax	Diphtheria, tetanus, rubella	Sanofi Pasteur, France
Di Anatoxal	Diphtheria	Berna Biotech, Europe
Di Te Per Pol Impfstoff	Diphtheria, tetanus, pertussis, polio	Berna Biotech, Switzerland
Di-Te-Pol SSI	Diphtheria, tetanus, polio	Statens Seruminstitut, Denmark
Dif-Tet-All	Diphtheria, tetanus	Chiron, Italy
Diftavax	Diphtheria, tetanus	Sanofi Pasteur
Ditanrix	Diphtheria, tetanus	GSK, Europe
DiTe Anatoxal	Diphtheria, tetanus (adsorbed)	Berna Biotech, Switzerland
Ditoxim	Diphtheria, tetanus (adsorbed)	Dong Shin Pharm, Korea
Double Anigen B.I.	Diphtheria, tetanus	Bengal Immunity Co., India
DT Adulte	Diphtheria, tetanus (adult)	Sanofi Pasteur, France
DT Bis	Diphtheria, tetanus (booster)	Sanofi Pasteur, France
DT Coq	Diphtheria, tetanus, pertussis	Sanofi Pasteur, France
DT Polio	Diphtheria, tetanus, polio	Sanofi Pasteur, France
DT TAB	Diphtheria, tetanus <i>Salmonella typhi</i> , <i>Paratyphi A &amp; B</i>	Sanofi Pasteur, France
DT Vax	Diphtheria, tetanus (pediatric)	Sanofi Pasteur, France
DT Wellcovax	Diphtheria, tetanus (pediatric)	Chiron, UK
Dual Antigen Sii	Diphtheria, tetanus (adsorbed)	Serum Institute of India (Sii)
Dultavax	Diphtheria, tetanus, polio (booster)	Aventis Pasteur, France
Dupla	Diphtheria, tetanus	Instituto Butantan, Brazil
Duplex	Diphtheria, tetanus	Sweden

# Appendix B

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
Easyfive	DTwP-Hib-HepB	India
Ecolarix	Measles, rubella (Schwarz & RA 27/3)	GSK, Europe
Elvarix	Influenza (split virus)	VEB, Sachsesches Serumwerk Dresden
EMAV	Meningococcal serogroup A	China
Encepur	Tick-borne encephalitis	Chiron, Europe
Enivac-HB	Hepatitis B (recombinant DNA)	Centro de Ingenieria Genetica Y Biotecnologia, Cuba
Enterovaccino	Typhoid (IM)	Isi
Enzira	Influenza	CSL
Eolarix	Measles, rubella (Schwarz & RA 27/3)	GSK, Europe
Epaxal Berna	Hepatitis A – virosomal vaccine	Berna Biotech, Switzerland
Ervax	Rubella (live)	GSK, Mexico
Ervevax RA 27/3	Rubella (live)	GSK, Belgium
Esavalenti	(Hexavalent) Diphtheria, tetanus, pertussis, polio, Hib, hepatitis B	Italy
Euvax-B	Hepatitis B (recombinant DNA)	LG Chemical, South Korea
Fendrix	Hepatitis B (dialysis formulation)	GSK, Europe
Fluad	Influenza (adults ≥65)	Novartis, Europe, Asia, NZ
Flubron	Influenza (whole virus)	Pfizer
Flugen	Influenza	UK
Fluvax	Influenza	CSL, Australia
Fluvirine	Influenza	CellTech Pharma SA
FOH-M	Polio (inactivated)	Russia
FrocuOke	Polio (inactivated)	Russia
FSME-IMMUNE	Tick-borne encephalitis	Baxter, Austria
FSPD	Measles	Russia
Funed-CEME	Diphtheria, tetanus, pertussis	Belo Horizonte, Brazil
Gen H-B-Vax	Hepatitis B	Merck-Behringwerke
GenHevac B Pasteur	Hepatitis B	Sanofi Pasteur
Gene Vac-B	Hepatitis B	Serum Institute of India (Sii)
Gripax	Influenza (whole virus)	Hebrew University
Gripe	Influenza (whole virus)	Spain
Gripguard	Influenza (same as Fluad)	Novartis, France
Gripovax	Influenza (whole virus)	GSK
Gunevax	Rubella	Chiron, Italy
H-Adiftal	Diphtheria	Ism, Italy
H-Adiftetal	Diphtheria, tetanus	Ism, Italy
H-Atetal	Tetanus	Ism, Italy
HarPaBreHnr B CtauOHAP	Rubella	Russia
HAVPur	Hepatitis A	Chiron, Germany
HB Vax Pro	Hepatitis B	SP
HBV	Hepatitis B (recombinant)	KGC, Japan

B

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
HDCV	Human Diploid Cell Rabies Vaccine	
Heberbiovac HB	Hepatitis B	Heberbiotec, Cuba
Hepabest	Hepatitis A	Sanofi Pasteur, Mexico
Hepacare	Hepatitis B (recombinant)	Chiron, Europe
Hepaccine-B	Hepatitis B (plasma derived)	Chiel Jedang, South Korea
Hepagene	Hepatitis B	Chiron, Europe
Hepativax	Hepatitis B	Sanofi Pasteur, Mexico
Hepatyrix	Hepatitis A, typhoid	GSK
Hepavax-B	Hepatitis B (plasma derived)	Korea Green Cross, South Korea
Hepavax-Gene	Hepatitis B (recombinant DNA)	Korea Green Cross, South Korea
Hepcare	Hepatitis B	Chiron, Europe
Heprecomb	Hepatitis B (yeast derived)	Berna Biotech, Switzerland
Hevac B	Hepatitis B (plasma derived)	Sanofi Pasteur, France
Hexamune	Diphtheria, Tetanus, (acellular) Pertussis, Hib, hepatitis B, polio	Aventis, Latin America
Hexavac (Hexavax)	Diphtheria, tetanus, pertussis, polio, hepatitis B, Hib	Sanofi Pasteur, Europe or Mexico
Hiberix	Hib conjugate	GSK
HIBest	Hib	Sanofi Pasteur
Hinkuys karokoe	Pertussis (adsorbed)	Natl. Public Health Institute, Finland
HIS	Influenza	Serbian Institute, Yugoslavia
IBV	Polio (inactivated)	Statens Seruminstitut, Denmark
Immavax	Measles, mumps, rubella	Sanofi Pasteur, Europe
Immugrip	Influenza	Pierre Fabre Médicament
Immunil	Pneumococcal (polysaccharide)	Sidus
Imovax Parotiditis	Mumps	Sanofi Pasteur, Europe
Imovax Polio	Polio	Sanofi Pasteur, Europe
Imovax Sarampion	Measles	Sanofi Pasteur, Europe
Imovas D.T.	Diphtheria, tetanus (adult)	Sanofi Pasteur, Europe
Imovas Gripe	Influenza	Sanofi Pasteur, Europe
Imovax D.P.T.	Diphtheria, tetanus, pertussis	Sanofi Pasteur Mexico
Imovax R.O.R.	Measles, rubella, mumps (live)	Sanofi Pasteur, Europe
Imovax Rubeola	Measles	Sanofi Pasteur, Europe
Imovax Mumps	Mumps	Sanofi Pasteur, Europe
Imovax Oreillons	Mumps	Sanofi Pasteur, Europe
Imovax Rage	Rabies	Sanofi Pasteur, Europe
Imovax Tetano	Tetanus	Sanofi Pasteur, Europe
Infanrix Hexa	Diphtheria, tetanus, pertussis, polio, Hib, hepatitis B	GSK, France
Infanrix Penta	Diphtheria, tetanus, pertussis, hepatitis B, polio	GSK, Europe
Infanrix Quinta	Diphtheria, tetanus, pertussis, polio, Hib	GSK, Europe
Infanrix Tetra	Diphtheria, tetanus, pertussis, polio	GSK, Europe
Inflexal	Influenza	Swiss Serum and Vaccine Institute

# Appendix B

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
Influmix	Influenza (whole virus)	Schiapparelli
Influpozzi Zonale	Influenza (whole virus)	Ivp
Influsplit SSW	Influenza (split virus)	VEB Sachsecsches Serumwerk Dresden
Influvac	Influenza	Solvay-Pharma
Influvirus	Influenza	Ism, Italy
Invirin	Influenza (whole virus)	GSK
Ipad TP	Tetanus, polio	Sanofi Pasteur, France
IPV-Virelon	Polio (inactivated)	Chiron, Europe
Isiflu Zonale	Influenza (whole virus)	Isi, Italy
Istivac	Influenza	Sanofi Pasteur, Europe
Kaksoisrokote Dubbelvaccin	Diphtheria, tetanus (pediatric)	Natl. Public Health Institute, Finland
Kikhoste-Vaksine	Pertussis	Statens Institutt for Folkehelse, Norway
Koplivac	Measles (Edmonston strain)	Philips-Duphar, Australia
Kotipa	Cholera, typhoid, paratyphoid	Perum Bio Farma, Indonesia
Krztuscowi	Pertussis	Poland
Ksztu	Pertussis	Poland
Lancy Vaxina	Smallpox	Swiss Serum and Vaccine Institute, Switzerland
Lavantuu Tirokote	Typhoid	Central Pub Health La, Finland
Liombillo	Measles	
Liovaxs	Smallpox	Chiron, Italy
Lirugen	Measles	Sanofi Pasteur
LM – 3 RIT	Measles, mumps, rubella (live)	Dong Shin Pharm, Korea
LM – 2 RIT	Measles, mumps (live)	Dong Shin Pharm, Korea
Lteanas Imuna	Tetanus (adsorbed)	Imuna sp., Slovakia
Lyssavac N	Rabies	Berna Biotech, Europe
M-M-Rvax	Measles, mumps, rubella	Chiron, Europe
M-M-Vax	Measles, mumps	Merck, Europe
M-Vac	Measles (live)	Serum Institute of India (Sii)
Massern-Impfstoff SSW	Measles (live)	Chiron, Germany
Massling	Measles	Sweden
MDPH-PA	Anthrax	
Measavac	Measles (Edmonston strain)	Pfizer, UK
MenAfriVac	Meningococcal A Conjugate	Africa
Mencevax A	Meningococcal Group A (polysaccharide)	SmithKline/RIT, Belgium
Mencevax ACWY	Meningococcal quadravalent	GSK
Mengivax A/C	Meningococcal Groups A & C (conjugate)	Sanofi Pasteur, Europe
Meningitec	Meningococcal Group C (conjugate)	Wyeth, UK, Australia
Meningtec	Meningococcal Group C (conjugate)	Wyeth, Canada
Meninvact	Meningococcal Group C (conjugate)	Sanofi Pasteur
Menjugate	Meningococcal Group C (conjugate)	Novartis
Menpovax 4	Meningococcal Groups A, C, Y & W135 (polysaccharide)	Chiron, Europe
Menpovax A+C	Meningococcal Groups A & C	Chiron, Italy

B

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
MeNZB	Meningococcal Group B	Novartis, New Zealand
Mesavac	Measles (Edmonston strain)	Pfizer, UK
Mevilin-L	Measles (Schwarz strain)	Chiron, UK
MFV	Influenza (whole virus)	Servier, UK
MFV-Ject	Influenza (whole virus)	Sanofi Pasteur, Europe
Miniflu	Influenza	Schiapparelli, Italy
Mo-Ru Viraten	Measles, rubella	Berna Biotech, Canada
Moniarix	Pneumococcal 17-valent (polysaccharide)	GSK, Europe
Monovax / Monovac	BCG	Sanofi Pasteur, France
Mopavac	Measles, mumps (live)	Sevac, Czech Republic
Morbilvax	Measles (live)	Chiron, Italy
Morubel	Measles, rubella (live)	Chiron, Italy
Moruman Berna	Measles immunoglobulin	Berna, Switzerland
Morupar	Measles, mumps, rubella (live)	Chiron, Italy
Movivac	Measles (live)	Sevac, Czech Republic
Mumaten	Mumps (live)	Berna Biotech, Switzerland
Munevan	Influenza (whole virus)	Medeva
Mutagrip	Influenza	Sanofi Pasteur, Germany
Nasoflu	Influenza	GSK, Europe
Neis Vac-C	Meningococcal Group C (conjugate)	Baxter, Europe & Canada
Neumo Imovax	Pneumococcal 23-valent (polysaccharide)	Sanofi Pasteur, Mexico
Neotyf	Typhoid (live, oral)	Chiron, Italy
Nilgrip	Influenza	CSL
Nivgrip	Influenza (whole virus)	Nicolau Institute of Virology, Romania
NorHOMHerHTA	Polio (inactivated)	Russia
Nothav	Hepatitis A	Chiron, Italy
Okavax	Varicella (live)	Biken / Sanofi Pasteur, Japan & Europe
Optaflu	Influenza (cell culture-based)	Novartis, Europe, Iceland, Norway
Oral Virelon	Polio (oral)	Chiron, Germany
Pariorix	Mumps (live)	GSK, Mexico & Europe
Pavivac	Mumps (live)	Sevac, Czech Republic
Pediacel	Diphtheria, tetanus, acellular pertussis, Hib, polio	Europe
Penta	Diphtheria, tetanus, acellular pertussis, Hib, polio	Sanofi Pasteur, Europe
PENT-HIBest	Diphtheria, tetanus, pertussis, polio, Hib	Sanofi Pasteur
Pentacel	Diphtheria, tetanus, pertussis, polio, Hib	Sanofi Pasteur, Canada
Pentacoq	Diphtheria, tetanus, pertussis, polio, Hib	Sanofi Pasteur
PentAct-HIB	Diphtheria, tetanus, pertussis, polio, Hib	Sanofi Pasteur, Europe
Pentavac	Diphtheria, tetanus, pertussis, polio, Hib	Sanofi Pasteur
Pentavalente	Diphtheria, tetanus, pertussis, hepatitis B, Hib	Mexico (Prior to July 2007)
Pentavalente Acelular	Diphtheria, tetanus, pertussis, polio, Hib	Mexico (August 2007 to present)

# Appendix B

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
Pentavalenti	Diphtheria, tetanus, pertussis, polio, Hib <b>OR</b> Diphtheria, tetanus, pertussis, polio, hepatitis B	Italy
Pentaxim	Diphtheria, tetanus, pertussis, polio, Hib	Aventis Pasteur, France
Pluserix	Measles, rubella	GSK, Mexico & Europe
Pneumopur	Pneumococcal 23-valent (polysaccharide)	Chiron, Europe
POLIAcel	Diphtheria, tetanus, pertussis, polio, Hib	Sanofi Pasteur, Argentina
Poliomyelite	Polio (inactivated)	France
Polioral	Polio (live, oral, trivalent)	Novartis
Polio Sabin	Polio (oral)	GSK, Europe
Poloral	Polio (oral)	Swiss Serum and Vaccine Institute
Prevenar	Pneumococcal 7-valent (conjugate)	Wyeth, France
Previgrip	Influenza	Chiron, France
Primavax	Diphtheria, tetanus, hepatitis B	Sanofi Pasteur, Europe
Priorix	Measles, mumps, rubella (live)	GSK, Europe & Australia
Priorix-Tetra	Measles, mumps, rubella, varicella (live)	GSK, Europe
ProbiVac-B	Hepatitis B	Probiomed, Mexico
Procomvax	Hib, hepatitis B	Sanofi Pasteur, Europe
PRS	MMR	Cuba
PRV	Pentavalent Rotavirus Vaccine	Palau
Pulmovax	Pneumococcal 23-valent (polysaccharide)	Merck
Q-Vac	Diphtheria, tetanus, pertussis, hepatitis B	Serum Institute of India (Sii)
Quadracel	Diphtheria, tetanus, acellular pertussis, polio	Sanofi Pasteur, Mexico
QUADRAcel/Hibest	Diphtheria, tetanus, acellular pertussis, polio, Hib	Sanofi Pasteur, Argentina
Quadravax	Diphtheria, tetanus, pertussis, polio	GSK
Quadruple	Diphtheria, tetanus, pertussis, Hib	Mexico
Quatro-Virelon	Diphtheria, tetanus, pertussis, polio	Chiron, Europe
Quinivax-IN	Diphtheria, tetanus, pertussis, polio, Hib	Valda Laboratori, Europe
Quintuple	Diphtheria, tetanus, pertussis, polio, Hib	GSK, Mexico
Quinvaxem	Diphtheria, tetanus, pertussis, Hib, Hepatitis B	Novartis/Crucell
R-HB Vaccine	Hepatitis B (recombinant)	Mitsubishi Chem Corp, Japan
R-Vac	Rubella (live)	Serum Institute of India (Sii)
Rabdomune	Rabies	Impfstofwerke, Germany
Rabipur	Rabies	Chiron, Germany
Rabivac	Rabies	Chiron, Germany
Rasilvax	Rabies	Chiron, Italy
RDCV	"Rabies Diploid Cell Vaccine"	
Refortrix	Diphtheria, tetanus (adult)	GSK
Repevax	Diphtheria, tetanus, pertussis, polio	Sanofi Pasteur
Revaxis	Tetanus, diphtheria, polio (adult)	Sanofi Pasteur (Europe)
Rimevax	Measles (live, Schwarz strain)	GSK, Mexico & Europe
Rimparix	Measles, mumps (live)	GSK, Europe
RIT-LM-2	Measles, mumps (live)	Dong Shin Pharm, Korea
RIT-LM-3	Measles, mumps, rubella (live)	Dong Shin Pharm, Korea

B

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
Rorvax	Measles, mumps, rubella (live)	Sanofi Pasteur, Europe & Brazil
Rosovax	Rubella	Ism, Italy
Rouvax	Measles (live)	Sanofi Pasteur, Europe
Rubavax	Rubella (live)	Sanofi Pasteur, UK
Rubeaten	Rubella (live)	Berna Biotech, Europe
Rubellovac	Rubella (live)	Chiron, Germany
Rubilin	Rubella (live)	Chiron, UK
Rudi-Rouvax	Measles, rubella (live)	Sanofi Pasteur, France
Rudivax	Rubella (live)	Sanofi Pasteur, France
Sahia	Polio (live oral)	Multiple manufacturers
Sampar	Plague	Sanofi Pasteur, Indonesia
Sandovac	Influenza	Sandoz, Austria
Serap	Diphtheria, tetanus, pertussis	Perum Bio Farma, Indonesia
Shanvac-B	Hepatitis B	Shantha, India
SMBV	Rabies	Sanofi Pasteur, Europe
Sii Rabivax	Rabies	Serum Institute of India (Sii)
Sii Triple Antigen	Diphtheria, tetanus, pertussis	Serum Institute of India (Sii)
Stamaril	Yellow fever (live)	Sanofi Pasteur, Europe
Streptopur	Pneumococcal 23-valent (polysaccharide)	Chiron, Europe
Subinvira	Influenza (split virus)	Imuna, Czech Republic
Synflorix	Pneumococcal (10-valent, conjugate)	GSK, Europe, Australia
T. Polio	Tetanus, polio	SP (Canada)
T.A.B.	Typhoid, paratyphoid (A & B)	- Institute Pasteur, Tunisia - Egypt - Pharmaceutical Industries Corp., Burma
T-Immun	Tetanus (adsorbed)	Baxter, Germany
T-Vaccinol	Tetanus	Roehm Pharma, Germany
T-Wellcovax	Tetanus	Wellcopharm, Germany
Tanrix	Tetanus	GSK, Europe
Td-Pur	Tetanus, diphtheria (adult)	Chiron, Europe
Td-Virelon	Tetanus, diphtheria, polio	Chiron, Europe
Te Anatoxal	Tetanus	Berna Biotech, Switzerland
Telvacptap	Tetanus	Yugoslavia
Tet-Aktiv	Tetanus	Tropon-Cutter, Germany
Tet-Tox	Tetanus	CSL Limited, Australia
Tetagrip	Tetanus, influenza	SP, France
Tetamun SSW	Tetanus (fluid, nonadsorbed)	Veb Sachsches Serumwerk, Germany
Tetamyn	Tetanus	Bioclon, Mexico
Tetano-difter	Tetanus, diphtheria	Celltech Pharma
Tetanol	Tetanus (adsorbed)	Chiron, Sanofi Pasteur, Europe & Mexico
Tetanovac	Tetanus	Sanofi Pasteur, Mexico
Tetasorbat SSW	Tetanus (adsorbed)	Veb Sachsches Serumwerk, Germany
Tetatox	Tetanus (adsorbed)	Berna Biotech, Italy
Tetavax	Tetanus (adsorbed)	Sanofi Pasteur, Europe
Tetracoq 05	Diphtheria, tetanus, pertussis, polio	Sanofi Pasteur, France

# Appendix B

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
TetrAct-HIB	Diphtheria, tetanus, pertussis, Hib	Sanofi Pasteur, Europe
Tetravac Acellulaire	Diphtheria, tetanus, acellular pertussis, polio	Sanofi Pasteur, Europe
Tetravalenti	Diphtheria, tetanus, pertussis, hepatitis B	Italy
Tetraxim	Tetanus, diphtheria, pertussis, polio	Sanofi Pasteur, Europe
Theracys	BCG	Aventis Pasteur, Canada
Ticovac	Tick-borne encephalitis	Baxter SA
Tifovax	Typhoid (Vi polysaccharide)	Sanofi Pasteur, Mexico
Titifica	Typhoid and paratyphoid	Italy
TOPV	Polio (oral, trivalent)	Multiple manufacturers
Trenin DPT Behring	Diphtheria, tetanus, pertussis	Chiron Behring GmbH, Germany
Tresivac	Measles, mumps, rubella (live)	Serum Institute of India (Sii)
Triacel	Diphtheria, tetanus, acellular pertussis	Sanofi Pasteur, Europe & Mexico
Triacelluvax	Diphtheria, tetanus, acellular pertussis	Chiron, Europe
Trimovax	Measles, mumps, rubella (live)	Sanofi Pasteur,
Tripacel	Diphtheria, tetanus, acellular pertussis	Sanofi Pasteur, Europe
Triple antigen	Diphtheria, tetanus, pertussis	- Chowgule & Co., India - CSL Limited, Australia
Triple Sabin	Polio (live, oral)	Mexico
Triple	Diphtheria, tetanus, pertussis	Cuba, Mexico
Triple viral	Measles, mumps, rubella	- Mexico - Immunology Institute, Croatia
Triple Virica	Measles, mumps, rubella	Dominican Republic
Triplice (VT)	Diphtheria, tetanus, pertussis	Instituto Butantan, Brazil
Triplice Viral (VTV)	Measles, mumps, rubella	Instituto Butantan, Brazil
Triplovax	Measles, mumps, rubella	Sanofi Pasteur, Europe & Brazil
Tritanrix	Diphtheria, tetanus, whole-cell pertussis	GSK
Tritanrix-HB	Diphtheria, tetanus, whole-cell pertussis, hepatitis B	GSK, Mexico
Tritanrix-HB-Hib	Diphtheria, tetanus, whole-cell pertussis, hepatitis B, Hib	GSK
Trivacuna Leti	Diphtheria, tetanus (adsorbed), pertussis	Laboratory Leti, Spain
Trivax	Diphtheria, tetanus (plain), pertussis	Chiron, UK
Trivax-AD	Diphtheria, tetanus (adsorbed), pertussis	Chiron, UK
Trivax-Hib	Diphtheria, tetanus, pertussis, Hib	GSK, Europe
Trivb	Diphtheria, tetanus, pertussis	Brazil
Triviraten	Measles, mumps, rubella (live)	Berna Biotech, Switzerland
Trivivac	Measles, mumps, rubella (live)	Sevac, Czech Republic
Trivivax	Measles, mumps, rubella	Sanofi Pasteur, Mexico
Tussitrupin Forte	Pertussis	Staatliches Institut, Germany
Tuvax	BCG	Japan BCG Laboratory, Japan
Tyne	BCG	Sweden
Typherix	Typhoid (Vi polysaccharide)	GSK, Europe & Australia
Typhopara-typhoidique	Typhoid and paratyphoid	France

B



Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
Typhoral-L	Typhoid (Ty21a oral)	Berna Biotech, Germany
Typh-Vax	Typhoid	CSL Limited, Australia
VAA	Yellow fever (vaccine anti-amaril)	Democratic Republic of Congo
Va-Diftet	Diphtheria, tetanus	Finlay Vacunas y Sueros, Cuba
Va-Mengoc-BC	Meningococcal Groups B & C	Finlay Vacunas y Sueros, Cuba
Vac-DPT	Diphtheria, tetanus, pertussis	Bioclon, Mexico
Vaccin Difteric Adsorbit	Diphtheria (adsorbed)	Cantacuzino Institute, Romania
Vaccin Rabique Pasteur	Rabies	Pasteur Vaccins
Vaccin Combinat Diftero-Tetanic	Diphtheria, tetanus (adsorbed)	Cantacuzino Institute, Romania
Vaccin tuberculeux attenué lyophilize	BCG	Sanofi Pasteur, France
Vaccinum Morbillorum Vivum	Measles (live)	Moscow Research Institute, Russia
Vacina Dupla	Diphtheria, tetanus	Instituto Butantan, Brazil
Vacina Triplíce	Diphtheria, tetanus, pertussis	Instituto Butantan, Brazil
Vacina Triplíce Viral	Measles, mumps, rubella	Brazil
Vacuna Doble	Tetanus, diphtheria	Instituto Biológico Argentino
Vacunol	Tetanus	Temis-Lostato, Brazil
Vaksin Sampar	Plague	Perum Bio Farma, Indonesia
Vaksin Cacar	Smallpox	Indonesia
Vaksin Serap	Diphtheria, tetanus, pertussis	Perum Bio Farma, Indonesia
Vaksin Campak Kerig	Measles (live)	Perum Bio Farma, Indonesia
Vaksin Kotipa	Cholera, typhoid, paratyphoid A, B & C	Perum Bio Farma, Indonesia
Vamoavax	Measles, mumps (live)	Institute of Immunology, Croatia
Varicella-RIT	Varicella	GSK, Europe
Varicellon	Zaricella zoster immunoglobulin	Behringwerke Aktiengesellschaft, Germany
Varie	Smallpox (lyophilized)	Institute of sera and Vaccine, Czech Republic
Varilrix	Varicella (live, Oka strain)	GSK, Australia, New Zealand
Varirix	Varicella (live, Oka strain)	GSK, Europe & Mexico
VAT	Tetanus (vaccin anatoxine tetanique)	Francophone Africa
Vax-Tet	Tetanus	Finlay Vacunas & Sueros, Cuba
Vaxem-Hib	Hib (polysaccharide)	Chiron, Europe
Vaxicoq	Pertussis (adsorbed)	Sanofi Pasteur, France
Vaxigrip	Influenza	Sanofi Pasteur, Europe & Australia
Vaxihaler-Flu	Influenza (inhaler)	Riker, UK
Vaxipar	Mumps (live)	Chiron, Italy
VCDT	Diphtheria, tetanus (pediatric)	Cantacuzino Institute, Romania
VDA Vaccin Difteric Adsorbit	Diphtheria	Cantacuzino Institute, Romania
Verorab	Rabies (purified vero cell)	Sanofi Pasteur, France

# Appendix B

Trade Name/ Abbreviation	Component(s)	Manufacturer, Country
ViATIM	Hepatitis A, typhoid	Sanofi Pasteur, UK
Vibriomune	Cholera	Duncan Flockhart, UK
Viralinte	Hepatitis B	Ivax Pharmaceuticals, Mexico
Virelon C	Polio (inactivated)	Chiron, Germany
Virelon T 20	Polio (live, oral trivalent)	Chiron, Germany
Virivac	Measles, mumps, rubella (live)	Merck, Finland
Virovac Massling, Perotid, Rubella	Measles, mumps, rubella	Sweden
Vopix	Polio (oral)	PT Biofarma, Indonesia
VPH	Human Papillomavirus	Spanish
V T (Vacine Triplice)	Diphtheria, tetanus, pertussis	Instituto Butantan, Brazil
V T V (Vacina Triplice Viral)	Measles, mumps, rubella	Brazil
V V R	Measles (live)	Cantucuzino Institute, Romania
Welltrivax Trivalente	Diphtheria, tetanus, pertussis	Spain
X-Flu	Influenza	CSL
Zaantide	Diphtheria antitoxin	Imunoloski Zavod, Croatia
Zaantite	Tetanus antitoxin	Imunoloski Zavod, Croatia
Zaditeadvax	Diphtheria, tetanus	Imunoloski Zavod, Croatia
Zaditevax	Diphtheria, tetanus	Imunoloski Zavod, Croatia
Zamevax A+C	Meningococcal Groups A & C (polysaccharide)	Imunoloski Zavod, Croatia
Zamovax	Measles (live)	Imunoloski Zavod, Croatia
Zamruvax	Measles, rubella (live)	Imunoloski Zavod, Croatia
Zapavax	Mumps	Imunoloski Zavod, Croatia
Zaruvax	Rubella (live)	Imunoloski Zavod, Croatia
Zatetravax	Diphtheria, tetanus, pertussis, parapertussis	Imunoloski Zavod, Croatia
Zatevax	Tetanus	Imunoloski Zavod, Croatia
Zatribavax	Diphtheria, tetanus, pertussis	Imunoloski Zavod, Croatia
Zatrivax	Measles, mumps, rubella (live)	Imunoloski Zavod, Croatia

March 2015