

APPENDIX B Vaccines

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

Vaccine	Trade Name	Abbreviation	Manufacturer	Route	Doses in Routine Series	Approved Ages	Comments
Adenovirus	Adenovirus Type 4 & Type 7		Barr Labs Inc.	Oral (2 Tablets)	1	17-50 years	Live: Approved for military populations
Anthrax	BioThrax®	AVA	Emergent BioSolutions	IM	3	18-65 years	Inactivated, Adj.
Cholera	Vaxchora®		PaxVax	Oral (Liquid)	1	18-64 years	Live Attenuated
DTaP	Daptacel®	DTaP	sanofi	IM	5	6 weeks-6 years	Inactivated, Adj.
	Infanrix®	DTaP	GlaxoSmithKline	IM	5	6 weeks-6 years	Inactivated, Adj.
DT	Generic	DT	sanofi	IM	5	6 weeks-6 years	Inactivated, Adj.: Use when pertussis is contraindicated
<i>Haemophilus influenzae</i> type b (Hib)	ActHIB®	Hib (PRP-T)	sanofi	IM	4	2 months-5 years	Inactivated, Adj. (Tetanus toxoid conjugate)
	Hiberix®	Hib (PRP-T)	GlaxoSmithKline	IM	4	6 weeks-4 years	Inactivated, Adj. (Tetanus toxoid conjugate)
	PedvaxHIB®	Hib (PRP-OMP)	Merck	IM	3	2-71 months	Inactivated, Adj. (Meningococcal conjugate)
Hepatitis A	Havrix®	HepA	GlaxoSmithKline	IM	2	Pediatric: 12 months-18 years Adult: ≥19 years	Inactivated, Adj.
	Vaqta®	HepA	Merck	IM	2	Pediatric: 12 months-18 years Adult: ≥19 years	Inactivated, Adj.
Hepatitis B	Engerix-B®	HepB	GlaxoSmithKline	IM	3	Pediatric: Birth-19 years Adult: ≥20 years	Recombinant, Adj.
	Recombivax HB®	HepB	Merck	IM	3	Pediatric: Birth-19 years Adult: ≥20 years	Recombinant, Adj.
	Heplisav-B®	HepB	Dynavax Technologies	IM	2	≥18 years	Recombinant, Adj.
Herpes Zoster (Shingles)	Zostavax®	ZVL	Merck	SC	1	≥50 years	Live Attenuated ACIP recommends ≥60 years
	Shingrix®	RZV	GlaxoSmithKline	IM	2	≥50 years	Recombinant, Adj.

Vaccine	Trade Name	Abbreviation	Manufacturer	Route	Doses in Routine Series	Approved Ages	Comments
Human Papillomavirus (HPV)	Gardasil® 9	9vHPV	Merck	IM	2 or 3	9-45 years	Recombinant, Adj. ACIP recommends 9-26 years
Influenza	Afluria®	IIV4	Seqirus	IM	1 or 2	≥6 months	Inactivated
	Fluad®	IIV3	Seqirus	IM	1	≥65 years	Inactivated, Adj.
	Fluarix®	IIV4	GlaxoSmithKline	IM	1 or 2	≥6 months	Inactivated
	Flublok®	RIV4	sanofi	IM	1	≥18 years	Recombinant, Egg-Free
	Flucelvax®	ccIIV4	Seqirus	IM	1 or 2	≥4 years	Cell-Culture
	FluLaval®	IIV4	GlaxoSmithKline	IM	1 or 2	≥6 months	Inactivated
	FluMist®	LAIV4	AstraZeneca	Intranasal	1 or 2	2-49 years	Live Attenuated
	Fluzone® Fluzone® High-Dose	IIV4 IIV3	sanofi	IM	1 or 2 1	≥6 months ≥65 years	Inactivated
Japanese encephalitis	Ixiaro®	JE	Valneva	IM	2	≥2 months	Inactivated, Adj.
Measles, Mumps, Rubella	M-M-R® II	MMR	Merck	SC	2	≥12 months	Live Attenuated
Meningococcal	Menactra®	MCV4 MenACWY-D	sanofi	IM	2	9 months-55 years	Inactivated (Diphtheria toxoid conjugate)
	Menveo®	MCV4 MenACWY-CRM	GlaxoSmithKline	IM	2	2 months-55 years	Inactivated (CRM ₁₉₇ conjugate)
	Trumenba®	MenB-FHbp	Pfizer	IM	2 or 3	10-25 years	Recombinant, Adj.
	Bexsero®	MenB-4C	GlaxoSmithKline	IM	2	10-25 years	Recombinant, Adj.
Pneumococcal	Pneumovax® 23	PPSV23	Merck	IM or SC	1	≥2 years	Inactivated Polysaccharide
	Prevnar 13®	PCV13	Pfizer	IM	4	≥6 weeks	Inactivated, Adj. (CRM ₁₉₇ conjugate)
Polio	Ipol®	IPV	sanofi	IM or SC	4	≥6 weeks	Inactivated
Rabies	Imovax® Rabies		sanofi	IM	3 (pre-exposure) 5 (post-exposure)	All ages	Inactivated
	RabAvert®		GlaxoSmithKline	IM	3 (pre-exposure) 5 (post-exposure)	All ages	Inactivated
Rotavirus	RotaTeq®	RV5	Merck	Oral (Liquid)	3	6-32 weeks	Live, Pentavalent
	Rotarix®	RV1	GlaxoSmithKline	Oral (Liquid)	2	6-24 weeks	Live, Monovalent
Tetanus, (reduced) Diphtheria	Tenivac®	Td	sanofi	IM	1 (Every 10 years)	≥7 years	Inactivated, Adj.
	TDVAX™	Td	Massachusetts Biological Labs	IM	1 (Every 10 years)	≥7 years	Inactivated, Adj.

Vaccine	Trade Name	Abbreviation	Manufacturer	Route	Doses in Routine Series	Approved Ages	Comments
Tetanus, (reduced) Diphtheria, (reduced) Pertussis	Boostrix®	Tdap	GlaxoSmithKline	IM	1	≥10 years	Inactivated, Adj.
	Adacel®	Tdap	sanofi	IM	1	10-64 years	Inactivated, Adj.
Typhoid	Typhim Vi®		sanofi	IM	1	≥2 years	Inactivated, Polysaccharide
	Vivotif®		PaxVax	Oral (Capsules)	4	≥6 years	Live Attenuated
Varicella	Varivax®	VAR	Merck	SC	2	≥12 months	Live Attenuated
Vaccinia (Smallpox)	ACAM2000®		sanofi	Percutaneous	1	All ages	Live Attenuated
Yellow Fever	YF-Vax®	YF	sanofi	SC	1	≥9 months	Live Attenuated

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

Vaccine	Trade Name	Abbreviation	Manufacturer	Route	Doses in Routine Series	Approved Ages	Comments
DTaP, Polio	Kinrix®	DTaP-IPV	GlaxoSmithKline	IM	1	4-6 years	Inactivated, Adj.: Approved as 5 th DTaP and 4 th IPV.
	Quadracel™	DTaP-IPV	sanofi	IM	1	4-6 years	Inactivated, Adj.: Approved as 5 th DTaP and 4 th IPV.
DTaP, hepatitis B, Polio	Pediarix®	DTaP-HepB-IPV	GlaxoSmithKline	IM	3	6 weeks-6 years	Inactivated, Adj.: Approved for 2, 4, 6 month doses.
DTaP, Polio, <i>Haemophilus influenzae</i> type b	Pentacel®	DTaP-IPV/Hib	sanofi	IM	4	6 weeks-4 years	Inactivated, Adj.: Approved for 2, 4, 6, 15-18 month doses.
DTaP, Polio, <i>Haemophilus influenzae</i> type b, hepatitis B	Vaxelis™	DTaP-IPV-Hib-HepB	Merck & Sanofi	IM	3	6 weeks-4 years	Inactivated, Adj.: Approved for 2, 4, 6 month doses.
Hepatitis A, Hepatitis B	Twinrix®	HepA-HepB	GlaxoSmithKline	IM	3	≥18 years	Inactivated/Recombinant, Adj. Pediatric HepA + Adult HepB
Measles, Mumps, Rubella, Varicella	ProQuad®	MMRV	Merck	SC	2	12 months-12 years	Live Attenuated

Notes

- 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, a hyphen (-) indicates products in which the active components are supplied in their final (combined) form by the manufacturer; a slash (/) indicates products in which active components must be mixed by the user.

- “Doses in a Routine Series” (Column 6) reflects doses administered to a healthy patient at the recommended ages. It doesn’t necessarily reflect schedules for patients with health conditions or other high-risk factors, alternative schedules, catch-up schedules, or booster doses not part of an initial series. For some combination vaccines, this column represents the routine number of doses *for that product*, and not necessarily the total number of doses in a complete series for the components. (For example, Kinrix or Quadracel may be used for only 1 dose of multi-dose DTaP and IPV series.)
- “Adj.” in the “Comments” column indicates that the vaccine contains an adjuvant.
- A hyphen in an age range means “through” (i.e., “6 weeks-6 years” means 6 weeks through 6 years [to the 7th birthday]).

December 2019

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

Vaccine Excipient Summary

Excipients Included in U.S. Vaccines, by Vaccine

In addition to weakened or killed disease antigens (viruses or bacteria), vaccines contain very small amounts of other ingredients – excipients.

Some excipients are added to a vaccine for a specific purpose. These include:

Preservatives, to prevent contamination. For example, thimerosal.

Adjuvants, to help stimulate a stronger immune response. For example, aluminum salts.

Stabilizers, to keep the vaccine potent during transportation and storage. For example, sugars or gelatin.

Others are residual trace amounts of materials that were used during the manufacturing process and removed. These can include:

Cell culture materials, used to grow the vaccine antigens. For example, egg protein, various culture media.

Inactivating ingredients, used to kill viruses or inactivate toxins. For example, formaldehyde.

Antibiotics, used to prevent contamination by bacteria. For example, neomycin.

The following table lists substances, other than active ingredients (i.e., antigens), shown in the manufacturers’ package insert (PI) as being contained in the final formulation of each vaccine. **Note: Substances used in the manufacture of a vaccine but not listed as contained in the final product (e.g., culture media) can be found in each PI, but are not shown on this table.** Each PI, which can be found on the FDA’s website (see below) contains a description of that vaccine’s manufacturing process, including the amount and purpose of each substance. In most PIs, this information is found in Section 11: “Description.”

All information was extracted from manufacturers’ package inserts.

The date shown in the Date column of the table is the edition date of the PI is use in February 2020.

If a date contains an asterisk (*), the PI was not dated and this is the date the PI was reviewed for this table.

If in doubt about whether a PI has been updated since this table was prepared, check the FDA’s website at:

<http://www.fda.gov/BiologicsBloodVaccines/Vaccines/ApprovedProducts/ucm093833.htm>

All influenza vaccine in this table are 2019-20 northern hemisphere formulation.

Vaccine	Date	Contains
Adenovirus	10/2019	monosodium glutamate, sucrose, D-mannose, D-fructose, dextrose, human serum albumin, potassium phosphate, plasdone C, anhydrous lactose, microcrystalline cellulose, polacrilin potassium, magnesium stearate, cellulose acetate phthalate, alcohol, acetone, castor oil, FD&C Yellow #6 aluminum lake dye
Anthrax (Biothrax)	11/2015	aluminum hydroxide, sodium chloride, benzethonium chloride, formaldehyde
BCG (Tice)	2/2009	glycerin, asparagine, citric acid, potassium phosphate, magnesium sulfate, iron ammonium citrate, lactose
Cholera (Vaxchora)	6/2016	ascorbic acid, hydrolyzed casein, sodium chloride, sucrose, dried lactose, sodium bicarbonate, sodium carbonate
Dengue (Dengvaxia)	6/2019	sodium chloride, essential amino acids (including L-phenylalanine), non-essential amino acids, L-arginine hydrochloride, sucrose, D-trehalose dihydrate, D-sorbitol, trometamol, urea
DT (Sanofi)	6/2018	aluminum phosphate, isotonic sodium chloride, formaldehyde
DTaP (Daptacel)	12/2018	aluminum phosphate, formaldehyde, glutaraldehyde, 2-phenoxyethanol
DTaP (Infanrix)	12/2018	formaldehyde, aluminum hydroxide, sodium chloride, polysorbate 80 (Tween 80)
DTaP-IPV (Kinrix)	12/2018	Formaldehyde, aluminum hydroxide, sodium chloride, polysorbate 80 (Tween 80), neomycin sulfate, polymyxin B
DTaP-IPV (Quadracel)	1/2019	formaldehyde, aluminum phosphate, 2-phenoxyethanol, polysorbate 80, glutaraldehyde, neomycin, polymyxin B sulfate, bovine serum albumin
DTaP-HepB-IPV (Pediarix)	2/2020*	formaldehyde, aluminum hydroxide, aluminum phosphate, sodium chloride, polysorbate 80 (Tween 80), neomycin sulfate, polymyxin B, yeast protein
DTaP-IPV/Hib (Pentacel)	1/2019	aluminum phosphate, polysorbate 80, sucrose, formaldehyde, glutaraldehyde, bovine serum albumin, 2-phenoxyethanol, neomycin, polymyxin B sulfate
DTaP-IPV-Hib-HepB (Vaxelis)	12/2018	polysorbate 80, formaldehyde, glutaraldehyde, bovine serum albumin, neomycin, streptomycin sulfate, polymyxin B sulfate, ammonium thiocyanate, yeast protein, aluminum
Ebola Zaire (ERVEBO)	2/2020*	Tromethamine rice-derived recombinant human serum albumin, host cell DNA benzonase, rice protein
Hib (ActHIB)	5/2019	sodium chloride, formaldehyde, sucrose
Hib (Hiberix)	4/2018	formaldehyde, sodium chloride, lactose

Vaccine	Date	Contains
Hib (PedvaxHIB)	10/2018	amorphous aluminum hydroxyphosphate sulfate, sodium chloride
Hep A (Havrix)	2/2020*	MRC-5 cellular proteins, formalin, aluminum hydroxide, amino acid supplement, phosphate-buffered saline solution, polysorbate 20, neomycin sulfate, aminoglycoside antibiotic
Hep A (Vaqta)	12/2018	amorphous aluminum hydroxyphosphate sulfate, non-viral protein, DNA, bovine albumin, formaldehyde, neomycin, sodium borate, sodium chloride, other process chemical residuals
Hep B (Engerix-B)	2/2020*	aluminum hydroxide, yeast protein, sodium chloride, disodium phosphate dihydrate, sodium dihydrogen phosphate dihydrate
Hep B (Recombivax)	12/2018	formaldehyde, potassium aluminum sulfate, amorphous aluminum hydroxyphosphate sulfate, yeast protein
Hep B (Heplisav-B)	2017	yeast protein, yeast DNA, deoxycholate, phosphorothioate linked oligodeoxynucleotide, sodium phosphate, dibasic dodecahydrate, sodium chloride, monobasic dehydrate, polysorbate 80
Hep A/Hep B (Twinrix)	2/2020*	MRC-5 cellular proteins, formalin, aluminum phosphate, aluminum hydroxide, amino acids, sodium chloride, phosphate buffer, polysorbate 20, neomycin sulfate, yeast protein, water
Human Papillomavirus (HPV) (Gardasil 9)	10/2018	amorphous aluminum hydroxyphosphate sulfate, sodium chloride, L-histidine, polysorbate 80, sodium borate, yeast protein
Influenza (Afluria) Quadrivalent	12/2019	sodium chloride, monobasic sodium phosphate, dibasic sodium phosphate, monobasic potassium phosphate, potassium chloride, calcium chloride, sodium taurodeoxycholate, ovalbumin, sucrose, neomycin sulfate, polymyxin B, beta-propiolactone, hydrocortisone thimerosal (multi-dose vials)
Influenza (Fluad)	4/2019	squalene, polysorbate 80, sorbitan trioleate, sodium citrate dehydrate, citric acid monohydrate, neomycin, kanamycin, barium, hydrocortisone, egg proteins, cetyltrimethylammonium bromide (CTAB), formaldehyde
Influenza (Fluarix) Quadrivalent	©2019	octoxynol-10 (TRITON X-100), α -tocopheryl hydrogen succinate, polysorbate 80 (Tween 80), hydrocortisone, gentamicin sulfate, ovalbumin, formaldehyde, sodium deoxycholate, sodium phosphate-buffered isotonic sodium chloride
Influenza (Flublok) Quadrivalent	4/2019	sodium chloride, monobasic sodium phosphate, dibasic sodium phosphate, polysorbate 20 (Tween 20), baculovirus and <i>Spodoptera frugiperda</i> cell proteins, baculovirus and cellular DNA, Triton X-100
Influenza (Fluclvax) Quadrivalent	8/2019	Madin Darby Canine Kidney (MDCK) cell protein, phosphate buffered saline, protein other than HA, MDCK cell DNA, polysorbate 80, cetyltrimethylammonium bromide, and β -propiolactone, Thimerosal (multi-dose vials)
Influenza (Flulaval) Quadrivalent	2/2020*	ovalbumin, formaldehyde, sodium deoxycholate, α -tocopheryl hydrogen succinate, polysorbate 80, thimerosal (multi-dose vials), phosphate-buffered saline solution
Influenza (Fluzone) Quadrivalent	2019	formaldehyde, egg protein, octylphenol ethoxylate (Triton X-100), sodium phosphate-buffered isotonic sodium chloride solution, thimerosal (multi-dose vials)
Influenza (Fluzone) High Dose	1/2019	egg protein, octylphenol ethoxylate (Triton X-100), sodium phosphate-buffered isotonic sodium chloride solution, formaldehyde
Influenza (FluMist) Quadrivalent	8/2019	monosodium glutamate, hydrolyzed porcine gelatin, arginine, sucrose, dibasic potassium phosphate, monobasic potassium phosphate, ovalbumin, gentamicin sulfate, ethylenediaminetetraacetic acid (EDTA)
Japanese Encephalitis (Ixiaro)	9/2018	aluminum hydroxide, protamine sulfate, formaldehyde, bovine serum albumin, Vero cell DNA, sodium metabisulphite, Vero cell protein
Meningococcal (MenACWY-Menactra)	4/26/18	sodium phosphate-buffered isotonic sodium chloride solution, formaldehyde, diphtheria toxoid
Meningococcal (MenACWY-Menveo)	2/2020*	formaldehyde, CRM ₁₉₇ protein
Meningococcal (MenB – Bexsero)	2/2020*	aluminum hydroxide, sodium chloride, histidine, sucrose, kanamycin
Meningococcal (MenB – Trumenba)	2018	polysorbate 80, aluminum phosphate, histidine buffered saline

Vaccine	Date	Contains
MMR (MMR-II)	2/2020*	vitamins, amino acids, fetal bovine serum, sucrose, glutamate, recombinant human albumin, neomycin, sorbitol, hydrolyzed gelatin, sodium phosphate, sodium chloride, WI-38 human diploid lung fibroblasts
MMRV (ProQuad) (Frozen: Recombinant Albumin)	2/2020*	MRC-5 cells including DNA and protein, sucrose, hydrolyzed gelatin, sodium chloride, sorbitol, monosodium L-glutamate, sodium phosphate dibasic, recombinant human albumin, sodium bicarbonate, potassium phosphate monobasic, potassium chloride; potassium phosphate dibasic, neomycin, bovine calf serum
MMRV (ProQuad) (Frozen: Human Serum Albumin)	2/2020*	MRC-5 cells including DNA and protein, sucrose, hydrolyzed gelatin, sodium chloride, sorbitol, monosodium L-glutamate, sodium phosphate dibasic, human albumin, sodium bicarbonate, potassium phosphate monobasic, potassium chloride; potassium phosphate dibasic, neomycin, bovine calf serum
MMRV (ProQuad) (Refrigerator Stable)	10/2018	MRC-5 cells including DNA and protein, sucrose, hydrolyzed gelatin, urea, sodium chloride, sorbitol, monosodium L-glutamate, sodium phosphate, recombinant human albumin, sodium bicarbonate, potassium phosphate, potassium chloride, neomycin, bovine serum albumin
Pneumococcal (PCV13 – Prevnar 13)	8/2017	CRM ₁₉₇ carrier protein, polysorbate 80, succinate buffer, aluminum phosphate
Pneumococcal (PPSV-23 – Pneumovax)	2/2020*	isotonic saline solution, phenol
Polio (IPV – Ipol)	2/2020*	calf bovine serum albumin, 2-phenoxyethanol, formaldehyde, neomycin, streptomycin, polymyxin B, M-199 medium
Rabies (Imovax)	10/2019	human albumin, neomycin sulfate, phenol red, beta-propiolactone
Rabies (RabAvert)	©2018	chicken protein, polygeline (processed bovine gelatin), human serum albumin, potassium glutamate, sodium EDTA, ovalbumin, neomycin, chlortetracycline, amphotericin B
Rotavirus (RotaTeq)	2/2017	sucrose, sodium citrate, sodium phosphate monobasic monohydrate, sodium hydroxide, polysorbate 80, cell culture media, fetal bovine serum [<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>]
Rotavirus (Rotarix)	2/2020*	dextran, Dulbecco's Modified Eagle Medium (sodium chloride, potassium chloride, magnesium sulfate, ferric (III) nitrate, sodium phosphate, sodium pyruvate, D-glucose, concentrated vitamin solution, L-cystine, L-tyrosine, amino acids, L-glutamine, calcium chloride, sodium hydrogenocarbonate, and phenol red), sorbitol, sucrose, calcium carbonate, sterile water, xanthan [<i>Porcine circovirus type 1 (PCV-1) is present in Rotarix. PCV-1 is not known to cause disease in humans.</i>]
Smallpox (Vaccinia) (ACAM2000)	3/2018	HEPES, 2% human serum albumin, 0.5 - 0.7% sodium chloride USP, 5% Mannitol USP, neomycin, polymyxin B, 50% Glycerin USP, 0.25% phenol USP
Td (Tenivac)	11/2019	aluminum phosphate, formaldehyde, sodium chloride, water
Td (TDVAX)	9/2018	aluminum phosphate, formaldehyde, thimerosal
Tdap (Adacel)	1/2019	aluminum phosphate, formaldehyde, 2-phenoxyethanol, glutaraldehyde, water
Tdap (Boostrix)	2/2020*	formaldehyde, aluminum hydroxide, sodium chloride, polysorbate 80
Typhoid (Typhim Vi)	3/2014	formaldehyde, phenol, polydimethylsiloxane, disodium phosphate, monosodium phosphate, sodium chloride, sterile water
Typhoid (Vivotif Ty21a)	9/2013	sucrose, ascorbic acid, amino acids, lactose, magnesium stearate. gelatin
Varicella (Varivax) <i>Frozen</i>	2/2020*	MRC-5 human diploid cells, including DNA & protein, sucrose, hydrolyzed gelatin, sodium chloride, monosodium L-glutamate, sodium phosphate dibasic, sodium phosphate monobasic, potassium phosphate monobasic, potassium chloride, EDTA, neomycin, fetal bovine serum
Varicella (Varivax) <i>Refrigerator Stable</i>	10/2018	MRC-5 human diploid cells, including DNA & protein, sucrose, hydrolyzed gelatin, sodium chloride, monosodium L-glutamate, urea, sodium phosphate dibasic, potassium phosphate monobasic, potassium chloride, neomycin, bovine calf serum
Yellow Fever (YF-Vax)	2/2019	sorbitol, gelatin, sodium chloride
Zoster (Shingles) (Zostavax) <i>Frozen</i>	1/2019	MRC-5 human diploid cells, including DNA & protein, sucrose, hydrolyzed porcine gelatin, sodium chloride, monosodium L-glutamate, sodium phosphate dibasic, potassium phosphate monobasic, potassium chloride; neomycin, bovine calf serum

Vaccine	Date	Contains
Zoster (Shingles) (Zostavax) <i>Refrigerator Stable</i>	8/2018	MRC-5 human diploid cells, including DNA & protein, sucrose, hydrolyzed porcine gelatin, urea, sodium chloride, monosodium L-glutamate, sodium phosphate dibasic, potassium phosphate monobasic, potassium chloride, neomycin, bovine calf serum
Zoster (Shingles) (Shingrix)	2/2020*	sucrose, sodium chloride, dioleoyl phosphatidylcholine (DOPC), 3- <i>O</i> -desacetyl-4' monophosphoryl lipid A (MPL), QS-21 (a saponin purified from plant extract <i>Quillaja saponaria</i> Molina), potassium dihydrogen phosphate, cholesterol, sodium dihydrogen phosphate dihydrate, disodium phosphate anhydrous, dipotassium phosphate, polysorbate 80, host cell protein and DNA

A table listing vaccine excipients and media *by excipient* is published by the Institute for Vaccine Safety at Johns Hopkins University, and can be found at <http://www.vaccinesafety.edu/components-Excipients.htm>.

February 2020

Latex in Vaccine Packaging

“Immediate-type allergic reactions due to latex allergy have been described after vaccination, but such reactions are rare. If a person reports a severe anaphylactic allergy to latex, vaccines supplied in vials or syringes that contain natural rubber latex should be avoided if possible. If not, if the decision is made to vaccinate, providers should be prepared to treat immediate allergic reactions due to latex, including anaphylaxis. The most common type of latex hypersensitivity is a delayed-type (type 4, cell-mediated) allergic contact dermatitis. For patients with a history of contact allergy to latex, vaccines supplied in vials or syringes that contain dry natural rubber or natural rubber latex may be administered.”

(ACIP General Best Practice Guidelines for Immunization)

The information on this table is from manufacturers’ package inserts, as found on the FDA’s website (www.fda.gov/BiologicsBloodVaccines/Vaccines/ApprovedProducts/ucm093833.htm). The date of the package insert as of February 2020 is shown in brackets. If the date contains an asterisk (*), the PI was not dated and this is the date the PI was reviewed. **If in doubt, check the manufacturer’s package insert that came with the vaccine you are using.**

Vaccine		Latex?
Adenovirus (Adenovirus Type 4 and Type 7) [10/19]		NO
Anthrax (Biothrax) [11/15]		YES
Cholera (Vaxchora) [6/16]		NO
Dengue (Dengvaxia) [6/19]		NO
DTaP	Daptacel [12/18]	NO
	Infanrix [12/18]	YES – Syringe NO – Vial
DT (Sanofi) [6/18]		NO
Hib	Hiberix [4/18]	NO
	PedvaxHIB [10/18]	YES
	ActHIB [5/19]	NO
Hepatitis A	Havrix [2/20*]	YES – Syringe NO – Vial
	Vaqta [12/18]	YES – Syringe YES – Vial
Hepatitis B	Engerix-B [2/20*]	YES – Syringe NO – Vial
	Recombivax HB [12/18]	YES – Syringe YES – Vial
	Heplisav-B [2017]	NO
HPV	Gardasil-9 [10/18]	NO
Influenza	Afluria Quadrivalent [12/19]	NO
	Fluad [4/19]	NO
	Fluarix Quadrivalent [©2019]	NO
	Flublok Quadrivalent [4/19]	NO
	Flucelvax Quadrivalent [8/19]	NO
	FluLaval Quadrivalent [2/20*]	NO
	FluMist Quadrivalent [8/19]	NO
	Fluzone High-Dose [1/19]	NO
	Fluzone Quadrivalent [2019]	NO

Vaccine		Latex?
Japanese Encephalitis (Ixiaro) [9/18]		NO
Kinrix [12/18]		YES – Syringe NO – Vial
MMR (M-M-R II) [2/20*]		NO
MMRV (ProQuad) [2/20*]		NO
Meningococcal	Menactra [4/26/18]	NO
	Menveo [2/20*]	NO
	Bexsero [2/20*]	YES
	Trumenba [2018]	NO
Quadracel [1/19]		NO
Pediarix [2/20*]		YES
Pentacel [1/19]		NO
Pneumococcal	Pneumovax 23 [2/20*]	NO
	Prevnar 13 [8/17]	NO
Polio (IPOL) [2/20*]		NO
Rabies	Imovax Rabies [10/19]	NO
	RabAvert [©2018]	NO
Rotavirus	RotaTeq [2/17]	NO
	Rotarix [2/20*]	YES
Td	Tenivac [11/19]	YES – Syringe NO – Vial
	TDVAX [9/18]	NO
Tdap	Adacel [1/19]	YES [†] – Syringe NO – Vial
	Boostrix [2/20*]	YES – Syringe NO – Vial
Twinrix *		YES
Typhoid	Typhim Vi [3/14]	NO
	Vivotif Berna [9/13]	NO
Varicella (Varivax) [2/20*]		NO
Vaccinia (Smallpox) (ACAM2000) [3/18]		NO
Vaxelis [12/18]		NO
Yellow Fever (YF-Vax) [2/19]		NO
Zoster (Shingles)	Zostavax [1/19]	NO
	Shingrix [2/20*]	NO

February 2020

[†]The tip caps of some lots of Adacel prefilled syringes contain latex while others do not. Check the package insert that came with your vaccine, if necessary.

THIMEROSAL TABLE

(updated 12/11/13)

Institute for Vaccine Safety

www.vaccinesafety.edu

Vaccine	Brand Name	Manufacturer	Thimerosal Concentration	Mercury Mcg/0.5 mL	
Anthrax	BioThrax	BioPort Corp	0	0	
DTaP	Daptacel	sanofi pasteur	0	0	
	Infanrix	GlaxoSmithKline	0	0	
	Tripedia	sanofi pasteur	*	*	
DTaP+HepB+IPV	Pediarix	GlaxoSmithKline	0	0	
DTaP+IPV	Kinrix	GlaxoSmithKline	0	0	
DTaP+IPV+Hib	Pentacel	sanofi pasteur	0	0	
DT	Diphtheria & Tetanus Toxoids Adsorbed USP	sanofi pasteur	*	*	
Td	Decavac	sanofi pasteur	*	*	
	Tetanus and Diphtheria Toxoids Adsorbed	Mass Bioloical Labs	*	*	
Tdap	Adacel	sanofi pasteur	0	0	
	Boostrix	GlaxoSmithKline	0	0	
Tetanus Toxoid	Generic	sanofi pasteur	.01%	25	
Hib	ActHib	sanofi pasteur	0	0	
	Hiberix	GlaxoSmithKline	0	0	
	PedvaxHIB	Merck	0	0	
Hib+HepB	Comvax	Merck	0	0	
Hepatitis A	Havrix	GlaxoSmithKline	0	0	
	Vaqta	Merck	0	0	
Hepatitis B	Engerix-B	GlaxoSmithKline	0	0	
	Recombivax HB	Merck	0	0	
Hep A+B	Twinrix	GlaxoSmithKline	0	0	
HPV	Cervarix	GlaxoSmithKline	0	0	
	Gardasil	Merck	0	0	
Influenza 2013/14 Formula	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		Novartix	0	0
	FluLaval		GlaxoSmithKline	.01%	25
	FluMist Quadravalent		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	
Japanese Encephalitis	Ixiaro	commercial military	Intercell Bio	0	0
	JE-Vax		sanofi pasteur	0.007%	
Meningococcal	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

B

Appendix B

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

* 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).

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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
Zaškrť	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
Ethiopian (Oromiffaa)	
Cufaa	Tetanus
Difteeriyaa	Diphtheria
Gifira	Measles
Gifira farangli	Rubella
Laamsheesaa	Polio
Qakkee	Pertussis
Shimbiraa	Hepatitis
Finnish	
Hinkuyska	Pertussis
Jaykkakouristus	Tetanus
Kurkkumata	Diphtheria
Lapsihalvaus	Polio
Sikotauti	Mumps
Tuhkarokko	Measles
Vihurirokko	Rubella
French	
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
German	
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
Greek	
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
Haitian Creole	
Difteri	Diphtheria
Epatit	Hepatitis
Flou	Influenza
Koklich	Pertussis
Lawoujβl, Laroujβl	Measles
Malmouton	Mumps
Polyo	Polio
Ribeyβl	Rubella
Saranpyon	Varicella
Tetanβs	Tetanus
Hmong	
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
Indonesian	
Batuk rejan	Pertussis
Beguk	Mumps
Biring Peluh	Rubella
Campak	Measles
Difteri	Diphtheria
Penyakit lumpuh	Polio
Radang hati	Hepatitis
Italian	
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
Japanese	
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
Malay	
Batok rejan	Pertussis
Penyaakit bengok	Mumps
Sakit champak	Measles
Sakit rengkong	Diphtheria
Norwegian	
Difteri	Diphtheria
Kikhoste	Pertussis
Kopper	Smallpox
Kusma	Mumps
Leverbetennelse	Hepatitis
Meslinger	Measles
Poliomyelitt	Polio
Rpde hunder	Rubella
Stivkrampe	Tetanus
Vannkopper	Varicella
Polish	
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
Pólpasiec	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
Portuguese	
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

B

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 pавac	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
Spanish	
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 Comun	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)
Somali	
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
Swedish	
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, Smittkopper	Smallpox
Stelkramp	Tetanus
Trippel	DTP
Tuberkulos	Tuberculosis
Vattkopper	Varicella
Tagalog	
Beke	Mumps
Dipterya	Diphtheria

B

Pertusis	Pertussis
Polyo	Polio
Tetano	Tetanus
Tigdas	Measles
Turkish	
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
Meningokoklar	Meningococcal
Kuduz	Rabies
Pnömonokoklar	Pneumococcal
Su Çiçeği	Varicella
Tetanos	Tetanus
Ukrainian	
Дифтерія	Diphtheria
Гемофільної інфекції Типу В Захворювань	Haemophilus influenzae type b
Гепатиту А	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
Vietnamese	
Bạch Hầu	Diphtheria
Bại liệt	Polio
Ban Đờ	Rubella
Dại	Rabies
Ho GB	Pertussis
Quai Bị	Mumps
Sởi Uốn Ván	Tetanus
Sởi	Measles
Sốt Tả Liệt	Polio
Thuởng hởn	Typhoid

Uon ván	Tetanus
Viêm gan siêu 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 & 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

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
Immunit	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 OR 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 Sachsisches 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 Sachsisches 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

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