

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

Vaccine	Trade Name	Abbreviation	Manufacturer	Type / Route	Approved	Comments
Adenovirus	Adenovirus Type 4 & Type 7		Barr Labs Inc.	Live Viral / Oral (tablets)	2011	Approved for military populations 17 through 50 years.
Anthrax	BioThrax®	AVA	Emergent BioSolutions	Inactivated Bacterial / IM	1970	Age range 18 through 65 years
Cholera	Vaxchora®		PaxVax	Live Bacterial / Oral	2016	Age range 18 through 64 years.
DTaP	Daptacel®	DTaP	sanofi	Inactivated Toxoids and Bacterial / IM	2002	Age range 6 weeks through 6 years.
	Infanrix®	DTaP	GlaxoSmithKline	Inactivated Toxoids and Bacterial / IM	1997	Age range 6 weeks through 6 years.
DT	Generic	DT	sanofi	Inactivated Bacterial Toxoids / IM	1978	Age range 6 months through 6 years.
<i>Haemophilus influenzae</i> type b (Hib)	ActHIB®	Hib (PRP-T)	sanofi	Inactivated Bacterial / IM	1993	3-dose primary series
	Hiberix®	Hib (PRP-T)	GlaxoSmithKline	Inactivated Bacterial / IM	2009	3-dose primary series
	PedvaxHIB®	Hib (PRP-OMP)	Merck	Inactivated Bacterial / IM	1989	2-dose primary series
Hepatitis A	Havrix®	HepA	GlaxoSmithKline	Inactivated Viral / IM	1995	Pediatric & adult formulations. Minimum age = 1 year
	Vaqta®	HepA	Merck	Inactivated Viral / IM	1996	Pediatric & adult formulations. Minimum age = 1 year
Hepatitis B	Engerix-B®	HepB	GlaxoSmithKline	Recombinant Viral / IM	1989	Pediatric & adult formulations. Minimum age = birth
	Recombivax HB®	HepB	Merck	Recombinant Viral / IM	1986	Pediatric & adult formulations. Minimum age = birth
Herpes Zoster (Shingles)	Zostavax®	LZV	Merck	Live Attenuated Viral / SC	2006	One dose: Minimum age = 50 years.
	Shingrix®	RZV	GlaxoSmithKline	Recombinant Viral / IM	2017	Two doses: Minimum age = 50 years.
Human Papillomavirus (HPV)	Gardasil® 9	9vHPV	Merck	Inactivated Viral / IM	2014	Approved for males and females 9 through 26 years.

Vaccine	Trade Name	Abbreviation	Manufacturer	Type / Route	Approved	Comments
Influenza	Afluria®	IIV3 IIV4	Seqirus	Inactivated Viral / IM	2007 2016	Minimum age = 5 years
	Fluad®	IIV3	Seqirus	Inactivated Viral / IM	2015	Adjuvanted Minimum age = 65 years
	Fluarix®	IIV4	GlaxoSmithKline	Inactivated Viral / IM	2012	Minimum age = 3 years
	Flublok®	RIV3 RIV4	Protein Sciences Corp.	Recombinant Viral / IM	2013	Egg Free Minimum age = 18 years
	Flucelvax®	ccIIV4	Seqirus	Cell-culture Viral / IM	2016	Minimum age = 4 years
	FluLaval®	IIV4	GlaxoSmithKline	Inactivated Viral / IM	2013	Minimum age = 6 months
	FluMist®	LAIV4	Medimmune	Live Attenuated Viral / Intranasal (spray)	2003	Age range 2 through 49 years
	Fluvirin®	IIV3	Seqirus	Inactivated Viral / IM	1988	Minimum age = 4 years
	Fluzone®	IIV3 IIV4	sanofi	Inactivated Viral / IM	1980 2013	Minimum age = 6 months
	Fluzone® High-Dose	IIV3	sanofi	Inactivated Viral / IM	2009	Minimum age = 65 years
	Fluzone® Intradermal	IIV4	sanofi	Inactivated Viral / Intradermal	2011	Age range 18 through 64 years
Japanese encephalitis	Ixiaro®	JE	Valneva	Inactivated Viral / IM	2009	Minimum age = 2 months
Measles, Mumps, Rubella	M-M-R® II	MMR	Merck	Live Attenuated Viral / SC	1978 (First MMR – 1971)	Minimum age = 12 months
Meningococcal	Menactra®	MCV4 MenACWY	sanofi	Inactivated Bacterial / IM	2005	Age range 9 months through 55 years
	Menveo®	MCV4 MenACWY	GlaxoSmithKline	Inactivated Bacterial / IM	2010	Age range 2 months through 55 years
	Trumenba®	MenB	Pfizer	Recombinant Bacterial / IM	2014	Age range 10 through 25 years
	Bexsero®	MenB	GlaxoSmithKline	Recombinant Bacterial / IM	2015	Age range 10 through 25 years

Vaccine	Trade Name	Abbreviation	Manufacturer	Type / Route	Approved	Comments
Pneumococcal	Pneumovax® 23	PPSV23	Merck	Inactivated Bacterial / SC or IM	1983	Minimum age = 2 years
	Prevnar 13®	PCV13	Pfizer	Inactivated Bacterial / IM	2010 (PCV7 – 2000)	Minimum age = 6 weeks
Polio	Ipol®	IPV	sanofi	Inactivated Viral / SC or IM	1990 (IPV-1955)	Minimum age = 6 weeks
Rabies	Imovax® Rabies		sanofi	Inactivated Viral / IM	1980	All ages
	RabAvert®		GlaxoSmithKline	Inactivated Viral / IM	1997	All ages
Rotavirus	RotaTeq®	RV5	Merck	Live Viral / Oral (liquid)	2006	3-dose series 1 <sup>st</sup> dose 6 through 14 weeks 3 <sup>rd</sup> dose max age 8 months 0 days
	Rotarix®	RV1	GlaxoSmithKline	Live Viral / Oral (liquid)	2008	2-dose series 1 <sup>st</sup> dose 6 through 14 weeks 2 <sup>nd</sup> dose max age 8 months 0 days
Tetanus, (reduced) Diphtheria	Tenivac®	Td	sanofi	Inactivated Bacterial Toxoids / IM	2003	Minimum age 7 years
	(Generic)	Td	Massachusetts Biological Labs	Inactivated Bacterial Toxoids / IM	1967	Minimum age 7 years
Tetanus, (reduced) Diphtheria, (reduced) Pertussis	Boostrix®	Tdap	GlaxoSmithKline	Inactivated Bacterial / IM	2005	Age range 10 through 64 years
	Adacel®	Tdap	sanofi	Inactivated Bacterial / IM	2005	Age range 10 through 64 years
Typhoid	Typhim Vi®		sanofi	Inactivated Bacterial / IM	1994	Minimum age = 2 years
	Vivotif®		PaxVax	Live Attenuated Bacterial / Oral (4 capsules)	1989	Minimum age = 6 years
Varicella	Varivax®	VAR	Merck	Live Attenuated Viral / SC	1995	Minimum age = 12 months
Vaccinia (Smallpox)	ACAM2000®		sanofi	Live Attenuated Viral / Percutaneous	2007	All ages
Yellow Fever	YF-Vax®	YF	sanofi	Live Attenuated Viral / SC	1978	Minimum age = 9 months

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

Vaccine	Trade Name	Abbreviation	Manufacturer	Type / Route	Approved	Comments
DTaP, Polio	Kinrix®	DTaP-IPV	GlaxoSmithKline	Inactivated Bacterial & Viral / IM	2008	Approved for 5 <sup>th</sup> (DTaP) and 4 <sup>th</sup> (IPV) booster at 4-6 years
	Quadracel™	DTaP-IPV	sanofi	Inactivated Bacterial & Viral / IM	2015	Approved for 5 <sup>th</sup> (DTaP) and 4 <sup>th</sup> (IPV) booster at 4-6 years
DTaP, hepatitis B, Polio	Pediarix®	DTaP-HepB-IPV	GlaxoSmithKline	Inactivated Bacterial & Viral / IM	2002	Age range 6 months through 6 years
DTaP, Polio, <i>Haemophilus influenzae</i> type b	Pentacel®	DTaP-IPV/Hib	sanofi	Inactivated Bacterial & Viral / IM	2008	Age range 6 months through 4 years
Hepatitis A, Hepatitis B	Twinrix®	HepA-HepB	GlaxoSmithKline	Inactivated/Recombinant Viral / IM	2001	Pediatric HepA + Adult HepB Minimum age = 18 years
Measles, Mumps, Rubella, Varicella	ProQuad®	MMRV	Merck	Live Attenuated Viral / SC	2005	Age range 1 through 12 years

### 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.

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