

History of Immunization in Alberta

The history of provincially funded vaccines used in Alberta is outlined below and provides date ranges for when an immunological product was in use in Alberta and/or when the product was approved for use in Canada.

History of Biologicals Administered in Alberta (Updated January 2018)

Biological Name/Description/Trade Name	Manufacturer	Vaccine Code	Start Date (Y-M-D)	End Date (Y-M-D)
Bacillus Calmette-Guérin (TB): BCG Vaccine (freeze-dried)	Connaught	BCG	1956-01-01	2007-08-09
Botulism Antitoxin	Multiple manufacturers	BA	1962-06-12	
Botulism Antitoxin: Bivalent A & B Botulism Antitoxin: Type E	Connaught/ Sanofi Pasteur	BA	unknown	2011-10-26
Botulism Antitoxin – Behring (Equine) Types A, B, & E	Novartis	BA	2011-10-27	
Botulism Immune Globulin Intravenous (Human) - BabyBIG®	California Department of Public Health	BAIG	2013-05-27	
Diphtheria Antitoxin	Multiple manufacturers	DA	1895-01-01	
Diphtheria Antitoxin: ANTIDIPHTHERIA SERUM	Instituto Butantan, Brazil	DA	2006-03-08	2010-10-31
Diphtheria Antitoxin (equine)	Institute of Immunology Inc Croatia	DA	2011-04-21	2014-03-31
Diphtheria Antitoxin (equine)	VINS Bioproducts Limited, India	DA	2014-06-11	
Diphtheria Reaction Test		DRT	1923-01-01	1996-01-01
Diphtheria Toxoid			1930	1994-08-01
Diphtheria Toxoid (fluid)		D	1954-04-01	1994-08-01
Diphtheria Toxoid (fluid-diluted)		DD	1954-04-01	1994-08-01
Diphtheria Toxoid and Pertussis Combined		No code	1943	1948-01-01
Diphtheria/Tetanus Toxoids (pediatric)		DT	1948-01-01	1998-12-31

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Diphtheria/Tetanus/Acellular Pertussis: TRIPACEL	Connaught/ Aventis Pasteur	DTaP	1997-07-01	1999-01-01
Diphtheria/Tetanus/Acellular Pertussis: ADACEL®	Sanofi Pasteur	dTap	2004-09-01	
Diphtheria/Tetanus/Acellular Pertussis: BOOSTRIX®	GlaxoSmithKline	dTap	2008-11-30	
Diphtheria/Tetanus/Acellular Pertussis/IPV: QUADRACEL®	Connaught/ Sanofi Pasteur	DTaP-IPV	1997-07-01	
Diphtheria/Tetanus/Acellular Pertussis/IPV: INFANRIX™-IPV	GlaxoSmithKline	DTaP-IPV	2012-11-20	
Diphtheria/Tetanus/Acellular Pertussis/IPV: BOOSTRIX®-IPV	GlaxoSmithKline	dTap-IPV	2012-10-11	
Diphtheria/Tetanus/Acellular Pertussis/IPV/Hib: PENTACEL®	Connaught/ Sanofi Pasteur	DTaP-IPV- Hib	1997-07-01	2007-11-30
Diphtheria/Tetanus/Acellular Pertussis/IPV/Hib: PEDIACEL®	Sanofi Pasteur	DTaP-IPV- Hib	2007-11-30	
Diphtheria/Tetanus/Acellular Pertussis/IPV/Hib: INFANRIX™- IPV/Hib	GlaxoSmithKline	DTaP-IPV- Hib	2012-11-20	
Diphtheria/Tetanus/Acellular Pertussis/IPV/Hib/Hepatitis B: INFANRIX hexa®	GlaxoSmithKline	DTaP-IPV- HIB-HB	2016-06-01	
Diphtheria/Tetanus/IPV (pediatric)	Connaught	DT-IPV	1996-07-01	2005-10-01
Diphtheria/Whole Cell Pertussis/Tetanus		DPT	1948-01-01	1997-06-30
Diphtheria/Whole Cell Pertussis/Tetanus/IPV: QUAD	Connaught	DPTP	1994-08-02	1997-06-30
Diphtheria/Whole Cell Pertussis/Tetanus/IPV/Hib: PENTA	Connaught	DPTPHib	1994-08-02	1997-06-30
Diphtheria/Whole Cell Pertussis/Tetanus/IPV/Killed Measles: Quint		No code	1968-01	1970-07
Hepatitis A – adult: HAVRIX® 1440 and VAQTA®	GlaxoSmithKline Merck Frosst	HAV	1994-01-01	
Hepatitis A pediatric: HAVRIX® 720 and VAQTA®	GlaxoSmithKline Merck Frost	HAV	1997-06-01	

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Hepatitis A – AVAXIM® Pediatric (outbreak in Edmonton)	Sanofi Pasteur Ltd.	HAV	2013-02	
Hepatitis A and B combined: TWINRIX®	GlaxoSmithKline	HABV	1997-01-01	
Hepatitis B: RECOMBIVAX HB® (neonatal program – infants at high risk)	Merck Frosst	HBV	1983-01-01	
Hepatitis B: RECOMBIVAX HB® (3 mL multi-dose vials with thimerosal) (Grade 5)	Merck Canada	HBV	1995-09	2010-10-31
Hepatitis B: RECOMBIVAX HB® - Thimerosal free (infants younger than age one)	Merck Frosst	HBTmf	2002-05-01	2011-05-01
Hepatitis B: ENGERIX® B Adult for individuals allergic to thimerosal	GlaxoSmithKline	HBV	2002	
Hepatitis B: ENGERIX® Pediatric	GlaxoSmithKline	HBV	2011	
Hepatitis B for Dialysis	Merck Frosst	HBVD	1983-01-01	
Hepatitis B Immune Globulin	Multiple manufacturers – accessed through Canadian Blood Services	HBIG	1971-01-01	
<i>Haemophilus influenzae</i> type b: b-CAPSA	Mead Johnson	Unknown	1987-08-01	1987-10-01
<i>Haemophilus influenzae</i> type b (PRP)	Connaught	PRP	1987-10-01	1988-03-01
<i>Haemophilus influenzae</i> type b	Connaught	PRPD	1988-03-16	1992-05-18
<i>Haemophilus influenzae</i> type b	Merck Frosst	OMP	1990-01-01	1994-08-02
<i>Haemophilus influenzae</i> type b	Lederle-Praxis	HbOC	1992-05-19	1993-02-01
<i>Haemophilus influenzae</i> type b PRPT: Act-HIB®	Connaught/ Sanofi Pasteur	Hib	1993-02-01	
<i>Haemophilus influenzae</i> type b: HIBERIX®	GlaxoSmithKline	Hib	2013-01-22	
Human Papillomavirus Quadrivalent: GARDASIL® (Grade 5) (Grade 9 catch up 2009-09)	Merck Canada	HPV	2008-09-01 (girls) 2014-09-01 (boys)	2015-08-31
Human Papillomavirus Quadrivalent: GARDASIL®9	Merck Canada	HPV9	2016-09-01	

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Immune Serum Globulin (human)	Multiple manufacturers	IG	1987-02-18	
Influenza whole cell: FLUVIRAL® & VAXIGRIP®	GlaxoSmithKline Sanofi Pasteur	FLU	1943-01-01	1992 approx.
Influenza split virus vaccine: FLUVIRAL® & VAXIGRIP® (first used in Canada in approximately 1992)	Biochem/ GlaxoSmithKline Connaught/ Sanofi Pasteur	FLU	1992 approx.	
Influenza H1N1 Pandemic adjuvanted: AREPANRIX™ H1N1 – universal immunization	GlaxoSmithKline	H1N1-09-AD	2009-10-19	2010-10-31
Influenza H1N1 Pandemic without adjuvant - pregnant women	CSL Australia	H1N1-09	2009-11	2009-11
Influenza A (H1N1) 2009 Pandemic Monovalent Vaccine (without adjuvant) – pregnant women and individuals 10 to 64 years without immune compromising conditions and who specifically request vaccine without adjuvant.	GlaxoSmithKline	H1N1-09	2009-12-01	2010-08
Influenza Trivalent: AGRIFLU®	Novartis	FLU	2011-10	
Influenza Trivalent: FLUAD®	Novartis		2014-09	
Influenza Trivalent INFLUVAC®	BGP Pharma ULC	FLU	2015-10	
Influenza Inactivated Quadrivalent: FLUZONE®	Sanofi Pasteur Inc	FLU	2015-10	
Influenza Live attenuated: FLUMIST® Quadrivalent	AstraZeneca	FLU	2014-10	2016-04
Influenza Live attenuated trivalent: FLUMIST® – Pilot/Research 2011 - 2012 influenza season included 2000 doses	AstraZeneca	FLU	2011-10	2012-03
Influenza Live attenuated trivalent: FLUMIST® - Vaccine of choice for children 2 – 17 years of age	AstraZeneca	FLU	2012-10	2014-15
Influenza Live attenuated quadrivalent vaccine: FLUMIST® QUADRIVALENT - Vaccine of choice for children 2 – 17 years of age	AstraZeneca	FLU	2014-10	2017-04

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E/Z Measles (Live)		EZM	1969-01-01	1971-01-01
Killed Red Measles		KMEA	1966	1970-07
Measles (Red) dose measles catch-up for Grades 1 to 9)		MEA	1970/07	1998-12-31
Measles/Mumps/Rubella: M-M-R® II (12 months of age routine program)	Merck Frosst	MMR	1982-10-01	
Measles/Mumps/Rubella (PRIORIX®)	GlaxoSmithKline	MMR	1999 (approx.)	
Measles/Mumps/Rubella/Varicella (PRIORIX-TETRA®) – replacing MMR as routine program at 12 months of age	GlaxoSmithKline	MMR-Var	2010-08-01	
Measles/Mumps/Rubella/Varicella (ProQuad™)	Merck Canada	MMR-Var	2014-05-13	
Measles/Rubella (second dose measles catch-up, Grades 1 to 9)		MR	1997-01-01	1999-04-30
Meningococcal B Multicomponent Recombinant Vaccine: BEXSERO®	Novartis Vaccines and Diagnostics Inc.	Men-B	2014-09-23	
Meningococcal Conjugate monovalent C (Campaign: 2 – 24 months of age)		MenconC	2001-11-01	2002-03-31
Meningococcal Conjugate - monovalent C (Universal Infant Program for infants born on or after 2001/09/01) Menjugate®	Novartis	MenconC	2002-04-04	
Meningococcal Conjugate - monovalent C: NeisVacC®	GlaxoSmithKline	MenconC	2005-10	
Meningococcal Conjugate Polysaccharide (A, C, Y, W-135) (Menactra®) - High-risk groups	Sanofi Pasteur	MenC-ACYW	2007-02-01	
Meningococcal (Groups A, C, W-135 and Y) Conjugate – (MENVEO™)	Novartis	MenC-ACYW	2011-02	
Meningococcal (Groups A, C, W-135 and Y) Conjugate – (Nimenrix®)	GSK	MenC-ACYW	2017-09	

Biological Name/Description/Trade Name	Manufacturer	Vaccine Code	Start Date (Y-M-D)	End Date (Y-M-D)
Meningococcal Polysaccharide Bivalent A, C (Campaign - 2 to 24 years of age)		MenAC MeninAC	2001-02-06	2002-03-01
Meningococcal polysaccharide (quadrivalent A, C, Y, W-135) - high-risk groups (MENOMUNE®)	Connaught/ Sanofi Pasteur	MENING-P	1983-05-04	2012-01-18
Meningococcal Polysaccharide (quadrivalent A, C, Y, W-135) - Campaign		MENING-P (single dose) MENOTET (multi-dose)	2000-02-15	2002-03-01
Mumps: MUMPSVAX	Merck Frosst	MU	1982-01-01	2004-02-08
Pertussis Acellular – Acel-P	Wyeth-Ayerst	aP	1997-07-01	2001-10
Pertussis Whole Cell		P	1939-01-01	1997-06-30
Pneumococcal Conjugate – 7 Valent: PREVNAR® (routine infant program: 4 dose series)	Wyeth	PNEU-C	2002-09-01	2010-06-30
Pneumococcal Conjugate - 13 Valent: PREVNAR® 13 (replaced 7 valent vaccine for infant program: 3 dose series)	Wyeth	PNEU-C13	2010-07-01	
Pneumococcal Polysaccharide: PNEUMOVAX® 23 (high-risk groups) 65 years of age and older	Merck Frosst	PNEUMO-P	1997-04 Fall 1998	
Pneumococcal Polysaccharide: Pneumo 23®	Sanofi Pasteur	PNEUMO-P	1997-04	2008-09
Polio Inactivated (Salk) - vaccine trials: pre-licensure		IPV	1954	Unknown
Polio Inactivated (Salk)		IPV	1956-01-01	
Polio Inactivated (Salk) diploid cell		IPV	Unknown (vaccine introduced in Canada 1989)	2007-04-30
Polio Inactivated (Salk) Vero Cell Origin: IMOVAX® Polio	Sanofi Pasteur	IPV	2007-04-09	
Polio Oral (Sabin)	Connaught	OPV	1962-01-01	1994-07-31

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Rabies Vaccine	Multiple manufacturers	RAB	1980-01-01	
Rabies HDCV: IMOVAX® Rabies	Sanofi Pasteur	RAB	1999-08 approx.	
Rabies PCECV: RabAvert®	Novartis	RAB	2005-06-01	
Rabies Immune Globulin	Multiple manufacturers	RIG	1983-09-16	
Rabies Immune Globulin: IMOGRAM® Rabies	Sanofi Pasteur	RIG	2004 -2005	
Rabies Immune Globulin: HYPERRAB® S/D	Talecris Therapeutics/ Grifols Therapeutics	RIG	2007-07	
Rotavirus vaccine: ROTARIX®	GSK	Rot	2015-06-01	2018-06
Rotavirus vaccine: RotoTeq®	Merck Canada Inc.	Rot	2018-05	
Rubella	Connaught	RUB	1971-01-01	1998-10-01
Smallpox (vaccinia) - universal		Sma	1870-01-01	1980-04-10
Smallpox (vaccinia) - select groups		Sma	2005-01-01	
Snakebite Antivenom		SNAKE	1980-01-01	2002-03-20
Tetanus/Diphtheria Toxoids (adult)	Sanofi Pasteur	Td	1980-07-09	
Tetanus Immune Globulin (Human)	Multiple manufacturers	TIG	unknown	2006-06
Tetanus Immune Globulin (Human): HYPERTET® S/D	Talecris Therapeutics/ Grifols Therapeutics	TIG	2006-07	
Tetanus/Diphtheria/IPV (adult)	Sanofi Pasteur Limited	TdP	2015-02-11	
Tetanus Polio		TP	1959-01-01	1994-08-01
Tetanus Toxoid		TT	1947-01-01	2000-12-31
Tuberculin Purified Protein Derivative 5TU (Mantoux – TB Test)	Connaught/ Sanofi Pasteur	PPD	1960-01-05	
Typhoid injectable: TYPHERIX®	GlaxoSmithKline	TYVI	2004-01-19	

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Typhoid injectable: TYPHIM Vi®	Sanofi Pasteur S/A	TYVI	2013-09-04	
Varicella Zoster: VARIVAX® II and III (one year of age – phased in approach)	Merck Frosst	VZ	2001-07-01	
Varicella Zoster: VARILRIX®	GlaxoSmithKline	VZ	unknown	
Varicella Immune Globulin	Multiple manufacturers – accessed through Canadian Blood Services	VZIG	1985-01-01	

*Not all vaccine manufacturers are known or multiple manufacturers have supplied the biological product over the years since first introduced.

For additional information, please contact the manufacturer of the product and/or Health Canada.

References

¹ Alberta Health. (2016, February). *Immunization Data Submission and Response Guidelines, Version 5.8*. <http://www.health.alberta.ca/documents/Immunization-Data-Submission-Guidelines-2016.pdf>

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³ AHS (former Calgary Health Region), Communicable Disease Control. (2005, November). *Dates when new programs, vaccines, etc. adopted by Calgary Health Region*.

⁴ AHS (former Capital Health Region), Public Health Division, Communicable Disease Control. (2002, December). *Biologicals introduced in Alberta*. In *Communicable Disease Control Manual* (Appendix 4).

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