

Vaccine Product Summary

Vaccine Generic Name	Vaccine Brand Name	Vaccine Mfr* [*]	Age Group Licensed to Receive Vaccine	Dose	Adm Route	Additional Use Comments
Diphtheria, tetanus, pertussis (DTaP)	Daptacel	SP	6 weeks through 6 years	0.5 mL	IM	– Cannot be used on or after 7th birthday
	Infanrix	GSK	6 weeks through 6 years	0.5 mL	IM	
Diphtheria, tetanus (pediatric) (DT)	Generic	SP	6 weeks through 6 years	0.5 mL	IM	– Used if child had a reaction to pertussis vaccine – Cannot be used on or after 7th birthday
DTaP–HepB–IPV	Pediarix	GSK	6 weeks through 6 years	0.5 mL	IM	– Can only be used for the first 3 doses of DTaP and IPV – Cannot be used on or after 7th birthday
DTaP–IPV	Kinrix	GSK	4 through 6 years	0.5 mL	IM	– Can be used for the 5th dose of DTaP – Can be used for the 4th (or 5th) dose of IPV series – Cannot be used on or after 7th birthday
	Quadracel	SP	4 through 6 years	0.5 mL	IM	
DTaP–IPV–Hib	Pentacel	SP	6 weeks through 4 years	0.5 mL	IM	– Cannot be used after 5th birthday – Mix DTaP-IPV liquid with Hib powder – Still requires polio booster on or after the 4th birthday
Tetanus, diphtheria (Td)	Tenivac	SP	7 years and older	0.5 mL	IM	– Not used for persons under 7 years of age
	Td	Mass Bio				
Tetanus, diphtheria, pertussis (Tdap)	Boostrix	GSK	10 years and older	0.5 mL	IM	– Tdap vaccines are licensed as a one-time dose – When giving or completing a 3-dose primary series for tetanus-diphtheria, one of the doses should be Tdap – Not used for persons under 7 years of age – Off label ACIP recommendations include Tdap in every pregnancy at 27 through 36 weeks; Tdap for persons age 7-10 years who have incomplete pertussis vaccination.
	Adacel	SP	10 through 64 years	0.5 mL	IM	

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Haemophilus influenzae type B (Hib)	PedvaxHIB (PRP-OMP)	MSD	6 weeks through 5 years	0.5 mL	IM	– 2-dose primary series at 2 and 4 months of age, booster at 12–15 months of age
	ActHIB (PRP-T)	SP	2 months through 5 years	0.5 mL	IM	– 3-dose primary series at 2, 4, and 6 months of age, booster at 12–15 months of age – Only use diluent that comes with the vaccine
	Hiberix (PRP-T)	GSK	6 weeks through 4 years	0.5 mL	IM	– 3-dose primary series at 2, 4, and 6 months of age, booster at 15–18 months of age – Mix liquid diluent with Hib powder and withdraw 0.5mL – Must use within 8 hours of reconstitution – Not available through MnVFC
Hepatitis A (HepA)	Havrix	GSK	Pediatric: 1 through 18 years	0.5 mL	IM	– 2-dose series at least 6 months apart – Do not give before 1st birthday unless child is traveling internationally; give one dose to infant age 6 through 11 months. Child still needs the two-dose series once they are 1 year old.
			Adult: 19 years and older	1.0 mL		
	VAQTA	MSD	Pediatric: 1 through 18 years	0.5 mL	IM	
			Adult: 19 years and older	1.0 mL		
Hepatitis B (HepB)	Engerix-B	GSK	Pediatric: birth through 19 years	0.5 mL	IM	– Do not restart the series
			Adult: 20 years and older	1.0 mL		
	Recombivax HB	MSD	Pediatric: birth through 19 years	0.5 mL	IM	– Do not restart the series – When using alternative dosing for adolescents 11 through 15 years give 2 doses 4–6 months apart
			Adolescents: 11 through 15 years	1.0 mL		
			Adult: 20 years and older	1.0 mL		
	Heplisav-B	DYN	Adult: 18 years and older	0.5 mL	IM	– 2-dose series at intervals of 0, 1 month

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HepA–HepB	Twinrix	GSK	18 years and older	1.0 mL	IM	<ul style="list-style-type: none"> – Not available through MnVFC – Hep A dose in Twinrix is NOT an adult dose so 3 doses are required
Human papillomavirus (HPV)	Gardasil 9, 9vHPV (Types 6, 11, 16, 18, 31, 33, 45, 52, 58)	MSD	9 through 45 years	0.5 mL	IM	<ul style="list-style-type: none"> – Age 9 through 14 years give two doses six months apart – Age 15 through 45 years give 3 doses at intervals of 0, 1-2, and 6 months
Inactivated polio (IPV)	Ipol	SP	6 weeks and older	0.5 mL	IM or SQ	<ul style="list-style-type: none"> – A final dose must be given on or after the 4th birthday regardless of the number of doses previously given
Influenza, adjuvanted, inactivated influenza vaccine	Fluad (aIIV3)	SEQ	65 years and older	0.5 mL	IM	
Influenza, cell culture inactivated influenza vaccine (ccIIV)	Flucelvax (ccIIV4)	NOV	4 years and older	0.5 mL	IM	

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Influenza, inactivated influenza vaccine (IIV)	Afluria (IIV3)	SEQ	6 months and older	0.5 mL	IM	
	Afluria (IIV4)	SEQ	6 months and older	0.5 mL	IM	
	Fluarix (IIV4)	GSK	6 months and older	0.5 mL	IM	– Follow ACIP’s two-dose recommendation for children age 2 through 8 years
	FluLaval (IIV4)	GSK	6 months and older	0.5 mL	IM	
	Fluzone, High-dose (IIV3)	SP	65 years and older	0.5 mL	IM	
	Fluzone (IIV4)	SP	6 months and older	See note	IM	– Age 6 months through 35 months: 0.25 mL dose – Age 3 years and older: 0.5 mL dose – Follow ACIP’s two-dose recommendation for children age 6 months through 8 years
Influenza, live attenuated influenza vaccine (LAIV4)	Flumist, quadrivalent (LAIV4)	MEDI	2 through 49 years	0.1 mL in each nostril	Nasal	– Deliver quickly so it produces fine spray – Do not instruct to sniff – Delivery is two-part, 0.1 dose in one nostril; remove clip and deliver remaining in other nostril
Influenza, recombinant influenza vaccine (RIV)	Flublok (RIV4)	PSC	18 years and older	0.5 mL	IM	– Recommended option for persons with significant egg allergies

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Japanese Encephalitis (JE)	Ixiaro	NOV	2 months through 2 years	0.25mL	IM	<ul style="list-style-type: none"> - 2 dose series at 0 and 28 days - Complete the series at least 1 week prior to potential exposure - Persons 17 years and older who completed series more than 12 previous may receive a booster dose
			3 years and older	0.5mL		
Measles, mumps, rubella (MMR)	M-M-R II	MSD	1 year and older	~0.5 mL	SQ	<ul style="list-style-type: none"> - DO NOT give before the 1st birthday unless child is traveling internationally: give one dose to infant age 6 through 11 months. Still requires two doses at recommended ages. - Give at the same time as varicella and/or PPD or any other live virus vaccine (i.e., yellow fever) - If not given at the same time as varicella and/or PPD wait at least 28 days - Administer entire reconstituted volume - Protect from light and use within 8 hours of reconstitution
Measles, mumps, rubella, varicella (MMRV)	Proquad	MSD	12 months through 12 years	0.5 mL	SQ	<ul style="list-style-type: none"> - Must use within 30 minutes of reconstitution
Meningococcal B	Bexero	NOV GSK	10 through 24 years	0.5 mL	IM	<ul style="list-style-type: none"> - 2 doses at least 1 month apart - ACIP recommends off-label use to at-risk 10 years and older
	Trumenba	PFR	10 through 24 years	0.5 mL	IM	<ul style="list-style-type: none"> - 3 doses at intervals of 1, 2, and 6 months for persons at risk - 2 doses at intervals of 0, 6 months for those 16-23 years without other risk factors - ACIP recommends off-label use to at-risk 10 years and older

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Meningococcal conjugate, quadrivalent (MCV4)	Menactra	SP	9 months through 55 years	0.5 mL	IM	<ul style="list-style-type: none"> – Covers types A, C, Y, and W-135 – Children 9 through 23 months need 2 doses, 3 months apart
	Menveo	NOV	2 months through 55 years	0.5 mL	IM	<ul style="list-style-type: none"> – Infant schedule: 2, 4, 6, 12-15 months – Covers types A, C, Y, and W-135 – Mix liquid MenA with powder C, Y, W-135 – Must use within 8 hours of reconstitution
Pneumococcal Conjugate, 13-valent (PCV13)	Prennar	PFR	6 weeks through 17 years 50 years and older	0.5 mL	IM	<ul style="list-style-type: none"> – ACIP recommends off-label use for at-risk adults 19 years and older – Give to all persons 65 years and older; give PCV13 first followed 12 months later by PPSV23 – If PCV13 and PPSV23 are both indicated give PCV13 first then give PPSV23 eight weeks later – If PPSV23 given previously in an adult, wait 1 year before giving PCV13
Pneumococcal, polysaccharide, 23-valent (PPSV23)	Pneumovax23	MSD	2 years and older	0.5 mL	IM or SQ	<ul style="list-style-type: none"> – If PCV13 and PPSV23 are both indicated give PCV13 first then give PPSV23 eight weeks later
Rabies	Imovax	SP	No defined age	1 mL	IM	<ul style="list-style-type: none"> – Not available through MnVFC – Pre-exposure – Post-exposure
	RabAvert	NOV		1 mL	IM	
Rotavirus (RV1)	Rotarix (RV1)	GSK	6 weeks through 8 months	1 mL	PO	<ul style="list-style-type: none"> – Rotarix: mix oral diluent into powder and give immediately after mixing – Rotarix: 2-dose series at 2 and 4 months of age – Rotateq: 3-dose series at 2, 4, and 6 months of age – DO NOT begin the series after 15 weeks of age – DO NOT give any doses after 8 months, 0 days – Do not repeat if child spits out the dose
Rotavirus (RV5)	RotaTeq (RV5)	MSD	6 weeks through 8 months	2 mL	PO	

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Typhoid	Typhim Vi	SP	2 years and older	0.5mL	IM	<ul style="list-style-type: none"> – Give a single dose. Give a booster dose every 2 years if person is at risk – Not available through MnVFC
	Vivotif	Berna	7 years and older	Capsule	PO	<ul style="list-style-type: none"> – Give one capsule every other day for 4 doses – Not available through MnVFC
Varicella (chickenpox) (VAR)	Varivax	MSD	1 year and older	0.5 mL	SQ	<ul style="list-style-type: none"> – DO NOT give before the 1st birthday – Give at the same time as MMR and/or PPD or any other live virus vaccine (i.e., yellow fever) – If not given at the same time as MMR and/or PPD wait at least 28 days – If using catch-up schedule, the minimum interval is 3 months for children age 1 through 12 years and 4 weeks for persons age 13 years and older
Yellow Fever	YF-VAX	SP	9 months and older	0.5 mL	SQ	<ul style="list-style-type: none"> – Must be a designated by MDH as a yellow fever vaccination clinic
Zoster (shingles) (ZOS)	Zostavax (ZVL)	MSD	50 years and older	0.65 mL	SQ	<ul style="list-style-type: none"> – Administer entire reconstituted volume – Must use within 30 minutes of reconstitution – For adults that need ZVL, give to persons 60 years and older
	Shingrix (RSV)	GSK	50 years and older	0.5 mL	IM	<ul style="list-style-type: none"> – Give 2 doses at 0, 2-6 month intervals – Preferred zoster vaccine for adults 50 years and older – Give regardless of history of previous zoster disease or ZVL vaccination. – Store in refrigerator; do not freeze

*** Vaccine Manufacturer Key:**

Berna=Vivotif Berna
MEDI=MedImmune
SP=sanofi pasteur

DYN= Dynavax
MSD=Merck
PFR=Pfizer

GSK=GlaxoSmithKline
NOV=Novartis
SEQ=Seqirus

Mass Bio=Massachusetts Biological Labs
PSC=Protein Sciences

Adapted from MDH *Standing Orders for Routine Immunizations* and Gloria Tobias' (Countryside Public Health) *Vaccine Cheat Sheet*.

Minnesota Department of Health
 Vaccine-Preventable Disease Section
 PO Box 64975, St. Paul, MN 55164-0975
 651-201-5414 or 1-877-676-5414
www.health.state.mn.us/immunize