

**ABORTED FETAL CELL LINE PRODUCTS FOR USA & CANADA - AND ETHICAL ALTERNATIVES (UPDATED MAR 2020)**

Disease	Product Name	Manufacturer	Fetal Cell Line	Ethical Version	Manufacturer	Cell Line
Acute Respiratory	Adenovirus 4,7 Oral	Barr Labs	WI-38	None	N/A	N/A
Chickenpox	All Varivax, Varilrix	Merck, GSK	WI-38, MRC-5	None	N/A	N/A
Cystic Fibrosis	Pulmozyme	Genentech	HEK-293	N-acetylcysteine, Hyper-sal	Various	N/A
Anemia (Cancer patients, severe kidney disease)	Procrit, Epoetin alfa Epogen, Aranesp, Darbepoetin alfa	Amgen	Human erythropoietin gene from fetal liver lambda.hE1/	None	N/A	N/A
<b>Covid-19 Development</b>	<b>mRNA-1273</b>	<b>Moderna</b>	<b>HEK-293</b>	<b>Covid-19 vaccine</b>	<b>Sanofi Pasteur</b>	<b>Insect based</b>
<b>Ebola – Approved 2020</b> <b>Ebola - In Development</b>	<b>Advac, VSV-EBOV</b>	<b>J&amp;J/Cruc; BioProt</b>	<b>PER C6, HEK-293</b>	<b>Ervebo (rVSV-ZEBOV)</b> <b>GOVOX-E301, E-302</b>	<b>Merck</b> <b>GeoVax, New Link</b>	<b>Vero</b> <b>Egg</b>
Heart problems	Abciximab (Repro)	Eli Lilly	HEK-293	Integrilin, Angiomax	Merck, Medicine Co.	N/A
Hemophilia	rhFVI, Nuwiq, Elocate	Octapharma, BioGen	HEK-293	Advate, Kogenate	Baxter	Hamster
Hepatitis A	Vaqta, Havrix Avaxim, Epaxal	Merck, GSK Sanofi, Berna	MRC-5 MRC-5	Aimmugen None in US or Canada	Kaketsuken (Japan only)	Vero (monkey)
Hepatitis A & B Hepatitis A & Typhoid	Twinrix Vivaxim	GSK Sanofi	MRC-5 MRC-5	Engerix Hep-B Only Recombivax Hep-B, TyphimVi	GSK Merck	Yeast Yeast
Infection prevention	G-CSF	Octapharma	HEK-293	Neupogen, Zarxio	Amgen, Sandoz	E-coli
Measles/Mumps/Rubella	MMR, Priorix	Merck, GSK	RA273, WI-38, MRC-5	MR+M (Japan only)	Mitsubishi, Kitasato	Egg, rabbit
Measles-Rubella	MR Vax, Eolarix	Merck, GSK.	RA273, WI-38, MRC-5	Attenuvax (Measles Only)* AIK-C + R, Tanabe + R (Japan)	Merck Kitasato, Mitsubishi	Egg Rabbit, Egg
Mumps-Rubella	Biavax II	Merck	RA273, WI-38	Mumpsvax (Mumps Only)*	Merck	Egg
Rubella	Meruvax II	Merck	RA273, WI-38	Matsuura, Takahashi (Japan)	Mitsubishi, Kitasato	Egg, rabbit
MMR + Chickenpox	ProQuad/MMR-V Priorix Tetra	Merck GSK	RA273, WI-38, MRC-5	None	N/A	N/A
Polio	Poliovax, DT PolAds Polio Sabin (oral)	Sanofi Pasteur GSK	MRC-5 MRC-5	IPOL, IMOVAX® Polio**	Sanofi Pasteur	Vero
Polio Combination (DTaP, polio, HiB)	Pentacel, Quadracel	Sanofi Pasteur GSK	MRC-5	Pediacel, Pediarix, InfanrixHexa, InfanrixIPV-HiB, Vaxelis, Kinrix	Sanofi, GSK	Vero
Rabies	Imovax**	Sanofi Pasteur	MRC-5	RabAvert	GSK	Egg
Rheumatoid Arthritis	Enbrel	Amgen	WI-26 VA4 - RDNA	Humira, Cimzia, Orencia	Abbott, UCB, BMS	Hamster
Shingles	Zostavax	Merck.	WI-38, MRC-5	Shingrix	GSK	Hamster
Smallpox	Acambis 1000	Acambis	MRC-5	ACAM2000, MVA3000	Acambis/Baxter	Vero

Note: Immune-Globulin shots will provide temporary immunity (4-6 months) for Hepatitis-A and Rubella (3-4 months)

\*\*NOTE: IMOVAX®Polio is a moral version for polio vaccine in Canada and is not the same as IMOVAX for rabies.

**ANY VACCINE NOT LISTED ABOVE DOES NOT USE ABORTED FETAL CELL LINES** Copy Permissible w/ Credit Children of God for Life ©

**ABORTED FETAL CELL LINE PRODUCTS FOR USA & CANADA - AND ETHICAL ALTERNATIVES (UPDATED MAR 2020)**

Disease	Product Name	Manufacturer	Fetal Cell Line	Ethical Version	Manufacturer	Cell Line
Acute Respiratory	Adenovirus 4,7 Oral	Barr Labs	WI-38	None	N/A	N/A
Chickenpox	All Varivax, Varilrix	Merck, GSK	WI-38, MRC-5	None	N/A	N/A
Cystic Fibrosis	Pulmozyme	Genentech	HEK-293	N-acetylcysteine, Hyper-sal	Various	N/A
Anemia (Cancer patients, severe kidney disease)	Procrit, Epoetin alfa Epogen, Aranesp, Darbepoetin alfa	Amgen	Human erythropoietin gene from fetal liver lambda.hE1/	None	N/A	N/A
<b>Covid-19 Development</b>	<b>mRNA-1273</b>	<b>Moderna</b>	<b>HEK-293</b>	<b>Covid-19 vaccine</b>	<b>Sanofi Pasteur</b>	<b>Insect based</b>
<b>Ebola – Approved 2020</b> <b>Ebola - In Development</b>	<b>Advac, VSV-EBOV</b>	<b>J&amp;J/Cruc; BioProt</b>	<b>PER C6, HEK-293</b>	<b>Ervebo (rVSV-ZEBOV)</b> <b>GOVOX-E301, E-302</b>	<b>Merck</b> <b>GeoVax, New Link</b>	<b>Vero</b> <b>Egg</b>
Heart problems	Abciximab (Repro)	Eli Lilly	HEK-293	Integrilin, Angiomax	Merck, Medicine Co.	N/A
Hemophilia	rhFVI, Nuwiq, Elocate	Octapharma, BioGen	HEK-293	Advate, Kogenate	Baxter	Hamster
Hepatitis A	Vaqta, Havrix Avaxim, Epaxal	Merck, GSK Sanofi, Berna	MRC-5 MRC-5	Aimmugen None in US or Canada	Kaketsuken (Japan only)	Vero (monkey)
Hepatitis A & B Hepatitis A & Typhoid	Twinrix Vivaxim	GSK Sanofi	MRC-5 MRC-5	Engerix Hep-B Only Recombivax Hep-B, TyphimVi	GSK Merck	Yeast Yeast
Infection prevention	G-CSF	Octapharma	HEK-293	Neupogen, Zarxio	Amgen, Sandoz	E-coli
Measles/Mumps/Rubella	MMR, Priorix	Merck, GSK	RA273, WI-38, MRC-5	MR+M (Japan only)	Mitsubishi, Kitasato	Egg, rabbit
Measles-Rubella	MR Vax, Eolarix	Merck, GSK.	RA273, WI-38, MRC-5	Attenuvax (Measles Only)* AIK-C + R, Tanabe + R (Japan)	Merck Kitasato, Mitsubishi	Egg Rabbit, Egg
Mumps-Rubella	Biavax II	Merck	RA273, WI-38	Mumpsvax (Mumps Only)*	Merck	Egg
Rubella	Meruvax II	Merck	RA273, WI-38	Matsuura, Takahashi (Japan)	Mitsubishi, Kitasato	Egg, rabbit
MMR + Chickenpox	ProQuad/MMR-V Priorix Tetra	Merck GSK	RA273, WI-38, MRC-5	None	N/A	N/A
Polio	Poliovax, DT PolAds Polio Sabin (oral)	Sanofi Pasteur GSK	MRC-5 MRC-5	IPOL, IMOVAX® Polio**	Sanofi Pasteur	Vero
Polio Combination (DTaP, polio, HiB)	Pentacel, Quadracel	Sanofi Pasteur GSK	MRC-5	Pediacel, Pediarix, InfanrixHexa, InfanrixIPV-HiB, Vaxelis, Kinrix	Sanofi, GSK	Vero
Rabies	Imovax**	Sanofi Pasteur	MRC-5	RabAvert	GSK	Egg
Rheumatoid Arthritis	Enbrel	Amgen	WI-26 VA4 - RDNA	Humira, Cimzia, Orencia	Abbott, UCB, BMS	Hamster
Shingles	Zostavax	Merck.	WI-38, MRC-5	Shingrix	GSK	Hamster
Smallpox	Acambis 1000	Acambis	MRC-5	ACAM2000, MVA3000	Acambis/Baxter	Vero

Note: Immune-Globulin shots will provide temporary immunity (4-6 months) for Hepatitis-A and Rubella (3-4 months)

\*\*NOTE: IMOVAX®Polio is a moral version for polio vaccine in Canada and is not the same as IMOVAX for rabies.

**ANY VACCINE NOT LISTED ABOVE DOES NOT USE ABORTED FETAL CELL LINES** Copy Permissible w/ Credit Children of God for Life ©