

## COVID-19 Vaccines and Treatments Quick Reference Guide. UPDATED: 03/14/2022

Product Name	Manufacturer	Aborted Fetal Cell Line Used in:			Vaccine or Treatment	Stage
		Development	Production	Testing		
AAV Covid Adenovirus vector	MA. Eye and Ear	HEK-293			Vaccine	Not Available in USA
Ad5-nCoV/ Convidecia	Cansino Biologics	HEK-293	HEK-293		Vaccine	Not available in USA
Ad-Vac	J & J Janssen	PER-C6	PER-C6		Vaccine	Emergency Use Authorization (EUA)
bacTRL-SpikeVaccine	Symvivo	<i>Uses E-Coli &amp; BiFidio Bacteria</i>			Oral Vaccine	Phase 1/2 Clinical Trial
COVI-VAC/ CoviLiv	Codagenix & Serum Institute	<i>Uses Vero ( monkey kidney) cells</i>			Vaccine	Phase 2 Clinical Trial
ChAdOx1/ AZD1222 Vaxzevria	Astra Zanece & Univ. Of Oxford	HEK-293/ MRC-5	HEK-293/ MRC-5	HEK-293	Vaccine	Not Available in USA
Comirnaty	Pfizer/ BioNTech	<i>K562 cells</i>		HEK-293	Vaccine	Approved for use in USA
Covaxin	Ocugen/Bharat (India)	<i>Uses Vero (Monkey kidney) cells</i>			Vaccine	Phase 3 Clinical Trials in USA
CoVLP	Medicago/GSK/ Dynavax	Plant Cells		HEK-293	Vaccine	Seeking full FDA approval
INO-4800 INO-4802	Inovio Pharm	<i>Computer Seq</i>	<i>No cells used</i>	HEK-2293	Vaccine	Phase 3 Clinical Trials
KBP-201	KBio , British American Tobacco	<i>Morally Produced using Tobacco Leaves</i>			Vaccine	Phase 1 Clinical Trials
SpikeVax/ mRNA-1273	Moderna/ NAID	HEK-293	HEK-293	HEK-293	Vaccine	Approved for Use in USA
COVAX	Novavax		<i>Insect Cells</i>	HEK-293	Vaccine	Seeking FDA Approval
Sars-CoV-2	Sanofi/GSK	<i>Insect Cells</i>		HEK-293	Vaccine	Seeking FDA approval
STI-mRNA	Sorrento Therapeutics	<i>Uses K526 cells from adult Cancer patient</i>			Vaccine	Pre-clinical
Unnamed	Lindsley F Kimbal , NY	HEK-293			Vaccine	Pre-Clinical
VLA2001	Valneva	<i>Vero (Monkey kidney) cells</i>			Vaccine	Not Available in US
VXA-CoV2-1	Vaxart	HEK-293	HEK-293	HEK-293	Vaccine	Phase 2 Clinical Trials
Multistem	Athersys	<i>Bone Marrow Adult Stem Cells</i>			Therapy for ARDS	Phase 2 Clinical Trials
AVM-0703	AVM Biotech	<i>Steroid supercharge to attack virus</i>			Treatment	
Acetemra ( Tocilizumab)	Genentech	<i>Chinese Hamster Ovary (CHO)</i>			Treatment	EUA approval for Covid
Casirivimab & Imdevimab	Regeneron	<i>(CHO) &amp; HEK-293 spike</i>	x	HEK-293	Treatment/Monoclonal Antibody	EUA approved
Bamlanivimab w/Etesevimab	Eli Lilly	HEK-293	HEK-293	HEK-293	Treatment	Emergency Use Authorization (EUA)
Ivermectin	Merck	<i>Morally produced</i>			Treatment	
LY-CoV1404 (Bebtelovimab)	AbCellera Bio; Eli Lilly	HEK-293	HEK-293			EUA for use in covid
Molupiravir	Merck/Ridgeback	<i>Morally Produced with Vero Cells</i>			Treatment	EUA for use in Covid
Paxlovid	Pfizer			MRC-5	Treatment	EUA for use in Covid
Sotrovimab	GSK	HEK-293. Lenti-X293T	HEK-293		Treatment	EUA approval for Covid
PLX-PAD	Pluristem	<i>Donated placenta- newborn babies</i>			Treatment	Phase 2 Clinical Trials
Unnamed	JPII Medical Institute	<i>Stem cells from postnatal placental tissue</i>			Treatment	In Development

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