

COVID-19 Spike Variants Panel

Lineage	Variants Name	Key		Catalog #	Description	Expression System	Product Status
		Location First Identified	Mutation in Spike				
N/A	WT	Wuhan, China		IT-002-032p	Recombinant Spike Protein of COVID-19 Coronavirus (SARS-CoV-2/Wuhan/2019), Trimeric, His-tagged	HEK293	Avaialable
				IT-002-031p	Recombinant Spike Protein RBD Domain of COVID-19 Coronavirus (SARS-CoV-2/Wuhan2019), Fc-His-tagged	HEK293	Avaialable
				IT-002-036p	Recombinant Spike Protein RBD Domain of COVID-19 Coronavirus (SARS-CoV-2/Wuhan2019), His-tagged	HEK293	Avaialable
				IT-002-038p	Recombinant Spike Protein NTD Domain of COVID-19 Coronavirus (SARS-CoV-2/Wuhan2019), Fc-His-tagged	HEK293	Avaialable
				IT-002-039p	Recombinant Spike Protein NTD Domain of COVID-19 Coronavirus (SARS-CoV-2/Wuhan2019), His-tagged	HEK293	Avaialable
				IT-002-030p	Recombinant Spike Protein S1 Region of COVID-19 Coronavirus (SARS-CoV-2/Wuhan2019), His-tagged	HEK293	Avaialable
				IT-002-034p	Recombinant Spike Protein S2 Region of COVID-19 Coronavirus (SARS-CoV-2/Wuhan2019), Trimeric, His-tagged	HEK293	Avaialable
B.1.1.7	20I/501Y .V1/VOC 202012/01	United Kingdom	N501Y	IT-002-032p-UK	Recombinant Spike Protein of COVID-19 Coronavirus (SARS-CoV-2/UK/2020), Trimeric, His-Tagged mutations: 69-70del, 144del, N501Y, A570D, D614G, P681H, T716I, S982A, D1118H	HEK293	Avaialable

			N501Y	IT-002-031p-UK	Recombinant Spike Protein RBD Domain of COVID-19 Coronavirus (SARS-CoV-2/UK/2020), Fc-His-tagged	HEK293	Available
B.1.351	20H/501Y.V2	South Africa	N501Y, E484K, K417N	IT-002-032p-S A	Recombinant Spike Protein of COVID-19 Coronavirus (SARS-CoV-2/SA/2020), Trimeric, His-Tagged	HEK293	Available
			N501Y, E484K, K417N	IT-002-031p-SA	Recombinant Spike Protein RBD Domain of COVID-19 Coronavirus (SARS-CoV-2/SA/2020), Fc-His-tagged	HEK293	Available
P.1	20J/501Y.V3	Brazil	N501Y, E484K, K417T	IT-002-032p-BR	Recombinant Spike Protein of COVID-19 Coronavirus (SARS-CoV-2/BR/2020), Trimeric, His-Tagged	HEK293	Available
			N501Y, E484K, K417T	002-031p-BR	Recombinant Spike Protein RBD Domain of COVID-19 Coronavirus (SARS-CoV-2/BR/2020), Fc-His-tagged	HEK293	Coming Soon
B.1.427/B.1.429	Cal.20C	California, USA	L452R	002-032p-CA	Recombinant Spike Protein of COVID-19 Coronavirus (SARS-CoV-2/CA/2020), Trimeric, His-Tagged	HEK293	Coming Soon
			L452R	IT-002-031p-CA	Recombinant Spike Protein RBD Domain of COVID-19 Coronavirus (SARS-CoV-2/CA/2020), Fc-His-tagged	HEK293	Available
B.1.207		Nigeria	P681H	002-032p-NG	Recombinant Spike Protein of COVID-19 Coronavirus	HEK293	Coming Soon

				(SARS-CoV-2/NG/2020),	Trimeric, His-Tagged		
B.1	EU1	Europe	D614G	IT-002-040p	Recombinant Spike Protein (D614G) of COVID-19 Coronavirus (SARS-CoV-2/Wuhan/2019), Trimeric, His-tagged	HEK293	Available
B.1	EU2	Europe	D614G, A222V	IT-002-032VGp	Recombinant Spike Protein (A222V+D614G) of COVID-19 Coronavirus (SARS-CoV-2/Wuhan/2019), Trimeric, His-tagged	HEK293	Available