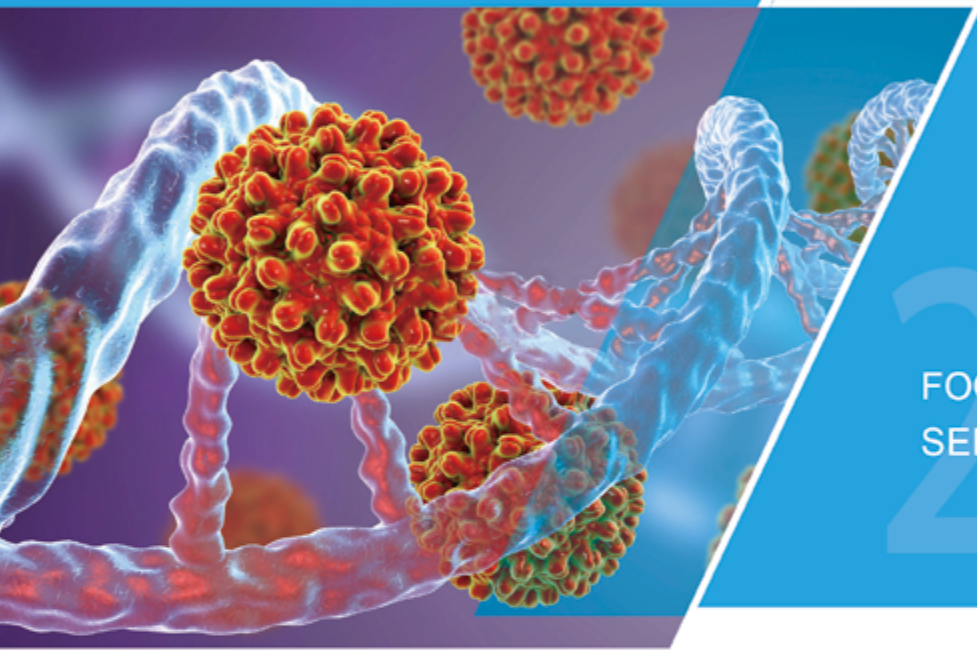


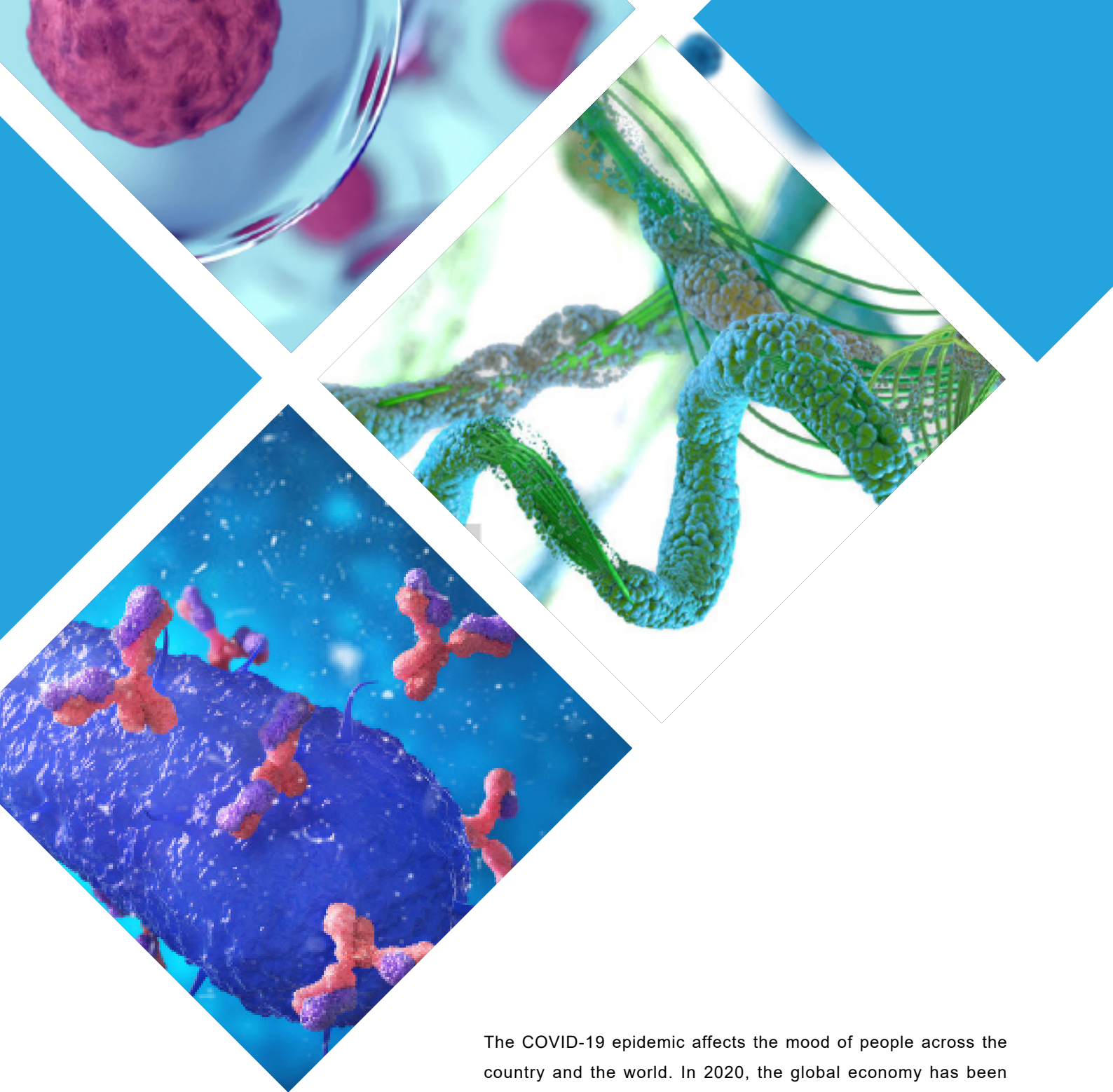
Elabscience®



2021

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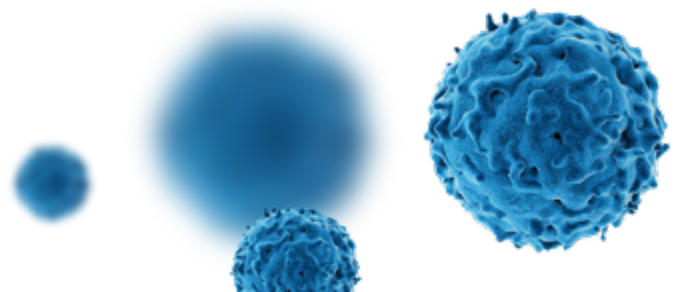
Tools for SARS-CoV-2 Research

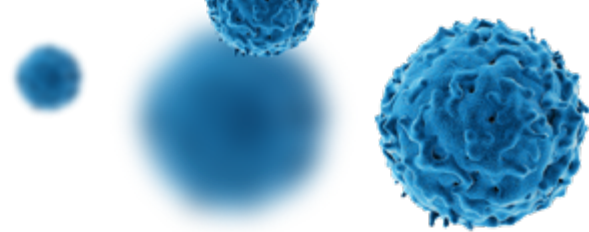


The COVID-19 epidemic affects the mood of people across the country and the world. In 2020, the global economy has been affected by the novel coronavirus epidemic to varying degrees. The novel coronavirus epidemic will still affect human life and economic development for a long time. Researchers around the world are working hard to deepen their understanding of the COVID-19 in order to quickly determine future treatment options and viable vaccine targets. As a global supplier of life science products, during this special period, Elabscience® is committed to providing researchers with necessary products and services related to SARS-CoV-2 research to help cope with SARS-CoV-2 research.

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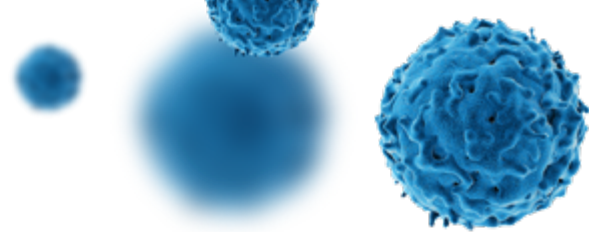




Essential Reagents for SARS-CoV-2 IgG/IgM Rapid Test Development

Elabscience® provides essential reagents for development of SARS-CoV-2 IgG/IgM Lateral Flow (Rapid Test) assay to help with the qualitative detection of IgG and IgM antibodies specific to SARS-CoV-2 in human biological fluids.

Cat. No.	Product Name	Size
E-ELC-RTD001	COVID-19 IgG/IgM Rapid Test Development Kit	500-1,000,000 tests
E-ELC-RTD002	COVID-19 IgG/IgM Rapid Test Development Kit(No colloidal gold conjugated)	1,000-100,000 tests
E-ELC-001	Recombinant SARS-CoV-2 N Protein (His Tag)	200µg, 1mg, 5mg, 10mg
E-ELC-002	Recombinant SARS-CoV-2 N Protein (with colloidal gold conjugated)	1mL, 5mL, 10mL
E-ELC-003	Mouse anti-human IgG monoclonal	1mg, 5mg, 10mg
E-ELC-004	Mouse anti-human IgM monoclonal	1mg, 5mg, 10mg
E-ELC-005	Goat anti-chicken IgY polyclonal	1mg, 5mg, 10mg
E-ELC-006	Chicken IgY(with colloidal gold conjugated)	1mL, 5mL, 10mL
E-ELC-008	Buffer for Rapid Test Development(02)	1,000, 5,000, 10,000 tests
E-ELC-009	Chicken IgY	1mg, 5mg, 10mg



SARS-CoV-2 Host Associated Proteins

Coronaviruses have four structural proteins (E, M, N, S protein) that can bind to membrane receptors on host cells, thereby mediating the fusion of the Virus and the cell membrane. After the S protein of SARS-CoV-2 interacts with ACE2 and then enters the cell through endocytosis, Cathepsin B/L degrades the Spike protein to release nucleic acids of Virus. In addition, CD147 also plays a functional role in promoting SARS-CoV-2 invasion into host cells.

Cat. No.	Product Name	Host	Sequence	Accession
PKSH032068	Recombinant Human ACE2 Protein (His Tag)	Human Cells	Gln18-Ser740	Q9BYF1
PKSH032179	Recombinant Human Cathepsin B/CTSB Protein (His Tag)	Human Cells	Arg18-Ile339	P07858
PKSM040956	Recombinant Mouse Cathepsin B/CTSB Protein (His Tag)	Human Cells	His18-Phe339	P10605
PKSH032182	Recombinant Human Cathepsin L/CTSL Protein (His Tag)	Human Cells	Thr18-Val333	P07711
PKSM041247	Recombinant Mouse Cathepsin L/CTSL Protein (aa 18-334, His Tag)	Human Cells	Thr18-Asn334	P06797
PKSH032377	Recombinant Human CD147/Basigin Protein (His Tag)	Human Cells	Ala22-His205	P35613-2
PKSM041223	Recombinant Mouse CD147/Basigin Protein (His Tag)	Human Cells	Ala22-Arg325	NP_001070652.1

ELISA Kits for SARS-CoV-2 Antigen/Antibody Detection

Elabscience® newly developed ELISA kits for SARS-CoV-2 antigen/antibody determination. These kits are mainly specific to the most important structural proteins, the spike protein and nucleocapsid protein.

Target	Cat. No.	Product Name	Sample Type	Assay Type
N protein	E-EL-E600	SARS-CoV-2 Nucleocapsid Protein IgG ELISA Kit	Human serum or plasma	Indirect
	E-EL-E601	SARS-CoV-2 Nucleocapsid Protein IgM ELISA Kit	Human serum or plasma	Indirect
	E-EL-E604	SARS-CoV-2 Nucleocapsid Protein ELISA Kit	Serum, plasma or other biological fluids	Sandwich-Ab
S protein	E-EL-E602	SARS-CoV-2 Spike Protein IgG ELISA Kit	Human serum or plasma	Indirect
	E-EL-E603	SARS-CoV-2 Spike Protein IgM ELISA Kit	Human serum or plasma	Indirect
	E-EL-E605	SARS-CoV-2 Spike Protein S1 RBD ELISA Kit	Serum, plasma or other biological fluids	Sandwich-Ab
	E-EL-E607	SARS-CoV-2 Spike Protein Total Antibody ELISA Kit	Serum or plasma	Sandwich-Ag
Neutralization Antibody	E-EL-E606	SARS-CoV-2 Neutralization Antibody ELISA Kit	Human serum or plasma	Competitive (Qualitative)
	E-EL-E608	SARS-CoV-2 Neutralization Antibody ELISA Kit	Human serum or plasma	Competitive (Semi-Quantitative)

ELISA Kits for SARS-CoV-2 Host Associated Proteins Detection

It has been widely reported that ACE2 on host cells plays an essential role in invasion and infection of SARS-CoV-2 Virus. Recently, other key proteins also been identified, such as DPP4, CD14, sCD14, CTSL, and CTSB. Elabscience® has developed ELISA Kits for the quantitative determination of these related host proteins for your study.

Target	Cat. No.	Product Name	Sensitivity	Detection Range
DPP4	E-EL-H6147	Human DPP4(Dipeptidyl Peptidase IV) ELISA Kit	0.47 ng/mL	0.78~50 ng/mL
CTSL	E-EL-H6148	Human CTSL(Cathepsin L) ELISA Kit	0.52 ng/mL	0.78~50 ng/mL
sCD14	E-EL-H6149	Human sCD14(Soluble Cluster of Differentiation 14) ELISA Kit	0.75 ng/mL	1.25~80 ng/mL
EMMPRIN/CD147	E-EL-H6150	Human EMMPRIN/CD147(Extracellular Matrix Metalloproteinase Inducer) ELISA Kit	0.09 ng/mL	0.16~10 ng/mL
CTSB	E-EL-H6151	Human CTSB(Cathepsin B) ELISA Kit	1.88 ng/mL	3.13~200 ng/mL
ACE2	E-EL-H0281	Human ACE2(Angiotensin I Converting Enzyme 2) ELISA Kit	0.23 ng/mL	0.39~25 ng/mL

ELISA Kits for Monitoring the Cytokine Storm

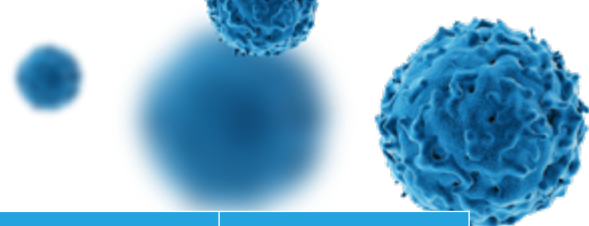
Accumulating research evidence indicates that many patients with severe SARS-CoV-2 might have a cytokine storm syndrome, and this suggests that people with severe SARS-CoV-2 or suspicious SARS-CoV-2 infection should be monitored for hyperinflammation.

Target	Cat. No.	Product Name	Sensitivity	Detection Range
IL-6	E-EL-H0102	Human IL-6(Interleukin 6) ELISA Kit	4.69 pg/mL	7.81~500 pg/mL
IL-8	E-EL-H6008	Human IL-8(Interleukin 8) ELISA Kit	4.69 pg/mL	7.81~500 pg/mL
IL-1 β	E-EL-H0149	Human IL-1 β (Interleukin 1 Beta) ELISA Kit	4.69 pg/mL	7.81~500 pg/mL
TNF- α	E-EL-H0109	Human TNF- α (Tumor Necrosis Factor Alpha) ELISA Kit	4.69 pg/mL	7.81~500 pg/mL
IFN- γ	E-EL-H0108	Human IFN- γ (Interferon Gamma) ELISA Kit	9.38 pg/mL	15.63~1000 pg/mL
MCP-1	E-EL-H6005	Human MCP-1(Monocyte Chemotactic Protein 1) ELISA Kit	37.50 pg/mL	62.50~4000 pg/mL
TGF- β 1	E-EL-0162	TGF- β 1(Transforming Growth Factor Beta 1) ELISA Kit	0.10 ng/mL	0.16~10 ng/mL
CRP	E-EL-H0043	Human CRP(C-Reactive Protein) ELISA Kit	0.23 ng/mL	0.39~25 ng/mL

SARS-CoV-2 Antibodies

Since the SARS-CoV-2-Spike protein and Nucleocapsid Protein (NP) are the biomarkers of 2019-nCoV, and angiotensin convertenzyme 2 (ACE2) is the main surface receptor to SARS-CoV-2, it is important to fully understand the role of these proteins in SARS-CoV-2 infection. Elabscience® offers a variety of antibodies to investigate the mechanisms of the SARS-CoV-2 life cycle.

Classification	Cat.No.	Product Name	Applications
2019-nCoV Spike Antibody	E-AB-V1001	SARS-COV-2 Spike Monoclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1002	SARS-COV-2 Spike Monoclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1003	SARS-COV-2 Spike Monoclonal Antibody(2019-nCoV)	IF,ELISA
	E-AB-V1005	SARS-COV-2 Spike S1 Monoclonal Antibody(2019-nCoV)	IF,ELISA
	E-AB-V1006	SARS-COV-2 Spike RBD Polyclonal Antibody(2019-nCoV)	WB,ELISA
	E-AB-V1008	SARS-COV-2 Spike Monoclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1009	SARS-COV-2 Spike S2 Monoclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1010	SARS-COV-2 Spike S2 Polyclonal Antibody(2019-nCoV)	ELISA
2019-nCoV Nucleocapsid Protein Antibody	E-AB-V1011	SARS-COV-2 NP Monoclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1012	SARS-COV-2 NP ScFv Monoclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1013	SARS-COV-2 NP Monoclonal Antibody(2019-nCoV)	WB,ELISA
	E-AB-V1014	SARS-COV-2 NP Monoclonal Antibody(2019-nCoV)	WB,ELISA
	E-AB-V1015	SARS-COV-2 NP Polyclonal Antibody(2019-nCoV)	WB,ELISA
	E-AB-V1016	SARS-COV-2 NP Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1018	SARS-COV-2 NP Monoclonal Antibody(2019-nCoV)	ELISA
2019-nCoV Spike Neutralizing Antibody	E-AB-V1021	Anti-2019-nCoV S-hlgG1 Neutralizing Antibody	Neutralization, ELISA
	E-AB-V1022	Anti-2019-nCoV S-mIgG1 Neutralizing Antibody	Neutralization, ELISA
	E-AB-V1023	Anti-2019-nCoV S-clgG1 Neutralizing Antibody	Neutralization, ELISA
	E-AB-V1024	Anti-2019-nCoV Spike Neutralizing Antibody	Neutralization, ELISA
	E-AB-V1025	Anti-2019-nCoV Spike Neutralizing Antibody	Neutralization, ELISA
	E-AB-V1026	Anti-2019-nCoV S-IgM Neutralizing Antibody	Neutralization, ELISA
	E-AB-V1027	Anti-2019-nCoV S-IgA Neutralizing Antibody	Neutralization, ELISA
	E-AB-V1028	Anti-SARS-CoV-2 Spike RBD (CB6 biosimilar) Neutralizing Antibody	Neutralization, ELISA



Classification	Cat.No.	Product Name	Applications
2019-nCoV Structural Antibody	E-AB-V1030	SARS-CoV-2 S-NTD Antibody(2019-nCoV)	ELISA
	E-AB-V1031	SARS-CoV-2 S2 Monoclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1032	SARS-CoV-2 S2 Protein Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1033	SARS-CoV-2 E Protein Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1034	SARS-CoV-2 M Protein Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1038	SARS-CoV-2 NSP1 Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1039	SARS-CoV-2 NSP3 Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1040	SARS-CoV-2 NSP5 Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1041	SARS-CoV-2 NSP8 Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1042	SARS-CoV-2 NSP9 Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1043	SARS-CoV-2 NSP10 Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1044	SARS-CoV-2 NSP12 Polyclonal Antibody(2019-nCoV)	WB,ELISA
	E-AB-V1045	SARS-CoV-2 NSP13 Polyclonal Antibody(2019-nCoV)	WB,ELISA
	E-AB-V1046	SARS-CoV-2 NSP16 Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1047	SARS-CoV-2 ORF7a Protein Polyclonal Antibody(2019-nCoV)	ELISA
	E-AB-V1048	SARS-CoV-2 ORF8 Protein Polyclonal Antibody(2019-nCoV)	ELISA
Receptor Antibody	E-AB-12224	ACE2 Polyclonal Antibody	IHC,ELISA
	E-AB-70126	ACE2 Polyclonal Antibody	WB
	E-AB-62958	DDX39B Polyclonal Antibody	IHC,IF
	E-AB-13976	Cathepsin L Polyclonal Antibody	WB,IHC,ELISA
	E-AB-13973	Cathepsin B Polyclonal Antibody	IHC,ELISA
	E-AB-61783	TMPRSS2 Polyclonal Antibody	WB,IHC
	E-AB-66905	NRP1 Polyclonal Antibody	WB,IF
Related Secondary Antibody	E-AB-1001	Goat Anti-Mouse IgG(H+L)(peroxidase/HRP conjugated)	WB,IHC,ELISA
	E-AB-1003	Goat Anti-Rabbit IgG (H+L)(peroxidase/HRP conjugated)	WB,IHC,ELISA
	E-AB-1006	Rabbit Anti-Human IgG(H+L)(peroxidase/HRP conjugated)	WB,ELISA






SARS-CoV-2 Recombinant Proteins

Elabscience® provides low-price and high-quality novel coronavirus recombinant proteins. In order to support researchers around the world, we have developed a series of structural and non-structural proteins to provide you with more and better options for novel coronavirus research.

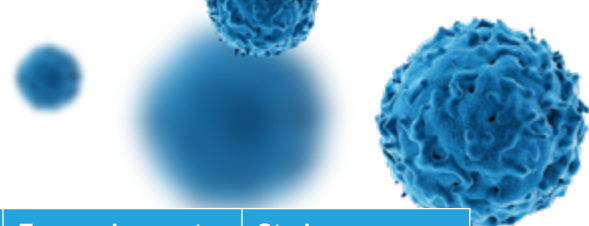
Classification	Product Name	Cat. No.	Accession	Species	Expression system
2019-nCoV nonstructural protein	Recombinant 2019-nCoV 3C-like Proteinase Protein (His Tag)(Active)	PKSR030465	YP_009725301.1	Virus	E. coli
	Recombinant 2019-nCoV Helicase Protein (His Tag)	PKSR030466	YP_009725308.1	Virus	E. coli
	Recombinant 2019-nCoV NSP7 Protein (His Tag)	PKSR030469	YP_009725303.1	Virus	E. coli
	Recombinant 2019-nCoV NSP8 Protein (His Tag)	PKSR030470	YP_009725304.1	Virus	E. coli
	Recombinant 2019-nCoV NSP10 Protein (His Tag)	PKSR030471	YP_009725306.1	Virus	E. coli
	Recombinant 2019-nCoV Papain-Like Protease Protein (Active)	PKSR030472	QHD43415.1	Virus	E. coli
	Recombinant 2019-nCoV Guanine-N7_meth Protein (His Tag)	PKSR030473	YP_009725309.1	Virus	E. coli
2019-nCoV structural protein	Recombinant 2019-nCoV Spike Protein (RBD, mFc Tag) (Active)	PKSR030474	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV Spike Protein (RBD, His Tag)	PKSR030475	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV Spike Protein (RBD-SD1, His Tag)(Active)	PKSR030477	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV Spike Protein, Biotinylated (RBD-SD1, Avi-His Tag)	PKSR030478	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV Spike Protein (NTD, His Tag)	PKSR030484	QHD43416.1	Virus	HEK293
2019-nCoV structural protein	Recombinant SARS-CoV-2 (2019-nCoV) S protein RBD (C-mFc-6His tag)(Active)	PKSV030276	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV S1 Protein (Fc Tag)(Active)	PKSR030480	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV S1 Protein (Active)	PKSR030481	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV S1 Protein (His Tag)	PKSR030482	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV S-trimer Protein (His Tag)	PKSR030489	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV S2 Protein (Fc Tag)	PKSR030491	QHD43416.1	Virus	HEK293
	Recombinant 2019-nCoV Nucleocapsid Protein (His Tag)	PKSR030485	QHD43423.2	Virus	E. coli
	Recombinant 2019-nCoV NP NTD domain (His Tag)	PKSR030486	QHD43423.2	Virus	E. coli
	Recombinant 2019-nCoV NP CTD domain Protein	PKSR030487	QHD43423.2	Virus	E. coli
	Recombinant 2019-nCoV NP NTD domain V2(His Tag)	PKSR030538	QHD43423.2	Virus	E. coli
	Recombinant 2019-nCoV Envelope Protein (His Tag)	PKSR030488	QHD43418.1	Virus	E. coli

SARS-CoV-2 Recombinant Mutant Proteins

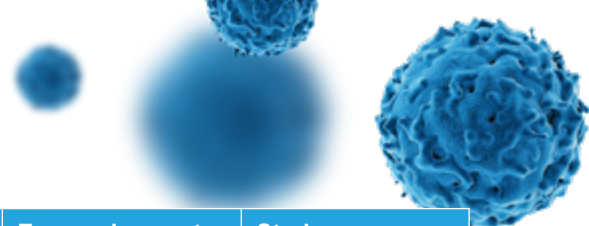
With the spread of COVID-19, the SARS-CoV-2 mutant strain spread rapidly, which greatly reduced the protective effect of existing vaccines and neutralizing antibodies against specific mutant strains. How to effectively prevent and control the spread of the COVID-19? Elabscience® has developed 137 SARS-CoV-2 mutant proteins to help you quickly find out specific mutant strains of the SARS-CoV-2, and better assist the COVID-19 research!

Cat.No.	Protein	Mutation	Tags	Expression system	Strains
PKSV030334	RBD	L452R	His	HEK293 Cells	India/B.1.617
PKSV030335	RBD	E484Q	His	HEK293 Cells	India/B.1.617
PKSV030336	RBD	L452R, E484Q	His	HEK293 Cells	India/B.1.617 / B.1.617.1 / B.1.617.3
PKSV030337	N	D377Y	His	E. coli	India/B.1.617
PKSV030338	S1	D614G, E154K, E484Q, L452R, P681R	His	HEK293 Cells	India/B.1.617
PKSV030339	S1	W152C, L452R, D614G	His	HEK293 Cells	California/B.1.429/ B.1.427
PKSV030340	N	T205I	His	HEK293 Cells	California/B.1.429/ B.1.427
 PKSV030341	N	R203K, G204R	His	E. coli	United Kingdom/B.1.1.7
PKSV030342	N	E378Q	His	E. coli	United Kingdom/B.1.1.7
 PKSV030343	N	I292T	His	E. coli	United Kingdom/B.1.1.7
PKSV030344	N	D3L, R203K, G204R, S235F	His	E. coli	United Kingdom/B.1.1.7
PKSV030345	N	D3L, S235F	His	E. coli	United Kingdom/B.1.1.7
PKSV030346	S1+S2 ECD	H69del, V70del, Y144del, N501Y, A570D, D614G, P681H, T716I, S982A, D1118H	His	Baculovirus-Insect Cells	United Kingdom/B.1.1.7
PKSV030347	S1	H69del, V70del, Y144del, N501Y, A570D, D614G, P681H	His	HEK293 Cells	United Kingdom/B.1.1.7
PKSV030348	S1- Biotinylated	H69del, V70del, Y144del, N501Y, A570D, D614G, P681H	His	HEK293 Cells	United Kingdom/B.1.1.7
PKSV030349	S1	HV69-70 deletion, N501Y, D614G	His	HEK293 Cells	United Kingdom/B.1.1.7
PKSV030350	RBD	N501Y	Fc	HEK293 Cells	United Kingdom/B.1.1.7
PKSV030351	RBD	S494P	His	HEK293 Cells	United Kingdom/B.1.1.7
PKSV030352	RBD	N501Y	His	HEK293 Cells	United Kingdom/B.1.1.7
PKSV030353	RBD- Biotinylated	N501Y	His	HEK293 Cells	United Kingdom/B.1.1.7
PKSV030354	RBD	N501Y	rFc	HEK293 Cells	United Kingdom/B.1.1.7
 PKSV030355	N	S194L	His	E. coli	United Kingdom/B.1.1.7, B.1.237
 PKSV030356	N	P13L	His	E. coli	United Kingdom/B.1.1.7, B.1.351, A.2.2
 PKSV030340	N	T205I	His	E. coli	South Africa/B.1.351
PKSV030357	S1+S2 ECD	D80A, L242del, A243del, L244del, R246I, E484K, K417N, N501Y, D614G, A701V	His	Baculovirus-Insect Cells	South Africa/B.1.351
PKSV030358	S1+S2 ECD	L18F, D80A, D215G, LAL242-244 deletion, R246I, K417N, E484K, N501Y, D614G, A701V	His	Baculovirus-Insect Cells	South Africa/B.1.351
PKSV030359	S1+S2- Biotinylated	L18F, D80A, D215G, LAL242-244 deletion, R246I, K417N, E484K, N501Y, D614G, A701V	His	Baculovirus-Insect Cells	South Africa/B.1.351
PKSV030360	S1+S2 ECD	D80A, K417N, E484K, N501Y, D614G, A701V	His	Baculovirus-Insect Cells	South Africa/B.1.351

Cat.No.	Protein	Mutation	Tags	Expression system	Strains
PKSV030361	S1	K417N, E484K, N501Y, D614G	His	HEK293 Cells	South Africa/B.1.351
PKSV030362	S1 NTD	L18F, D80A, D215G, LAL242-244 deletion, R246I	His	HEK293 Cells	South Africa/B.1.351
PKSV030363	S1	L18F, D80A, D215G, LAL242-244 deletion, R246I, K417N, E484K, N501Y, D614G	His	HEK293 Cells	South Africa/B.1.351
PKSV030364	RBD	K417N	His	HEK293 Cells	South Africa/B.1.351
PKSV030365	RBD-Biotinylated	K417N	His	HEK293 Cells	South Africa/B.1.351
PKSV030366	RBD	E484K	His	HEK293 Cells	South Africa/B.1.351
PKSV030367	RBD-Biotinylated	E484K	His	HEK293 Cells	South Africa/B.1.351
PKSV030368	RBD	K417N, E484K, N501Y	His	HEK293 Cells	South Africa/B.1.351
PKSV030369	RBD-Biotinylated	K417N, E484K, N501Y	His	HEK293 Cells	South Africa/B.1.351
PKSV030370	RBD	E484K	rFc	HEK293 Cells	South Africa/B.1.351
PKSV030371	RBD	K417N, E484K, N501Y	rFc	HEK293 Cells	South Africa/B.1.351
PKSV030372	RBD	K417N	rFc	HEK293 Cells	South Africa/B.1.351
 PKSV030373	N	P80R	His	E. coli	Brazil/P.1
PKSV030374	S1+S2 ECD	L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y, T1027I, V1176F	His	Baculovirus-Insect Cells	Brazil/P.1
PKSV030375	S1+S2 ECD	L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y, T1027I	His	Baculovirus-Insect Cells	Brazil/P.1
PKSV030376	S1	L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y	His	HEK293 Cells	Brazil/P.1
PKSV030377	S1	T20N, D614G	His	HEK293 Cells	Brazil/P.1
PKSV030378	RBD	K417T, E484K, N501Y	His	HEK293 Cells	Brazil/P.1
PKSV030379	RBD	K417T, E484K, N501Y	rFc	HEK293 Cells	Brazil/P.1
PKSV030380	RBD	K417T	rFc	HEK293 Cells	Brazil/P.1
PKSV030381	S1	ΔH69/ΔV70, Y453F, D614G	His	HEK293 Cells	Denmark
PKSV030382	RBD	Y453F	His	HEK293 Cells	Denmark
PKSV030383	RBD	Y453F	rFc	HEK293 Cells	Denmark
PKSV030384	RBD-SD1	N354D, D364Y	His	HEK293 Cells	
PKSV030385	RBD-SD1	W436R	His	HEK293 Cells	
PKSV030386	RBD-SD1	V367F	His	HEK293 Cells	
PKSV030387	S1	D614G	His	HEK293 Cells	
PKSV030388	S-trimer	D614G	His	HEK293 Cells	
PKSV030389	S-trimer	D614G, N439K	His	HEK293 Cells	
PKSV030390	S-trimer	Y453F, D614G	His	HEK293 Cells	
PKSV030391	S-trimer	ΔFVI	His	HEK293 Cells	
PKSV030392	S1+S2 ECD	D614G	His	Baculovirus-Insect Cells	
PKSV030393	S1+S2 ECD	HV69-70 deletion, D614G, D796H	His	Baculovirus-Insect Cells	
PKSV030394	S2	E780Q	Fc	HEK293 Cells	
PKSV030395	S1	D614G	Fc	HEK293 Cells	
PKSV030396	S1	N234Q	His	HEK293 Cells	



Cat.No.	Protein	Mutation	Tags	Expression system	Strains
PKSV030397	S1	Q677H	His	HEK293 Cells	
PKSV030398	S1	A222V, D614G	His	HEK293 Cells	
PKSV030399	S1	L18F, D614G	His	HEK293 Cells	
PKSV030400	S1	HV69-70 deletion, N439K, D614G	His	HEK293 Cells	
PKSV030401	RBD	V367F	mFc	HEK293 Cells	
PKSV030402	RBD	F342L	His	HEK293 Cells	
PKSV030403	RBD	N354D	His	HEK293 Cells	
PKSV030404	RBD	V367F	His	HEK293 Cells	
PKSV030405	RBD	R408I	His	HEK293 Cells	
PKSV030406	RBD	A435S	His	HEK293 Cells	
PKSV030407	RBD	K458R	His	HEK293 Cells	
PKSV030408	RBD	G476S	His	HEK293 Cells	
PKSV030409	RBD	V483A	His	HEK293 Cells	
PKSV030410	RBD	D364Y	His	HEK293 Cells	
PKSV030411	RBD	V341I	His	HEK293 Cells	
PKSV030412	RBD	N439K	His	HEK293 Cells	
PKSV030413	RBD	Y508H	His	HEK293 Cells	
PKSV030414	RBD	V503F	His	HEK293 Cells	
PKSV030415	RBD	A522V	His	HEK293 Cells	
PKSV030416	RBD	A372S	His	HEK293 Cells	
PKSV030417	RBD	A520S	His	HEK293 Cells	
PKSV030418	RBD	A522S	His	HEK293 Cells	
PKSV030419	RBD	D405V, Q414A	His	HEK293 Cells	
PKSV030420	RBD	Q414E	His	HEK293 Cells	
PKSV030421	RBD	P384L	His	HEK293 Cells	
PKSV030422	RBD	A348S	His	HEK293 Cells	
PKSV030423	RBD	F338L	His	HEK293 Cells	
PKSV030424	RBD	F377L	His	HEK293 Cells	
PKSV030425	RBD	P521S	His	HEK293 Cells	
PKSV030426	RBD	T478I	His	HEK293 Cells	
PKSV030427	RBD	V483I	His	HEK293 Cells	
PKSV030428	RBD	S359N	His	HEK293 Cells	
PKSV030429	RBD	K378R	His	HEK293 Cells	
PKSV030430	RBD	Q409E	His	HEK293 Cells	
PKSV030431	RBD	I472V	His	HEK293 Cells	
PKSV030432	RBD	A372T	His	HEK293 Cells	
PKSV030433	RBD	A344S	His	HEK293 Cells	



Cat.No.	Protein	Mutation	Tags	Expression system	Strains
PKSV030434	RBD	A520V	His	HEK293 Cells	
PKSV030435	RBD	E406Q	His	HEK293 Cells	
PKSV030436	RBD	F490S	His	HEK293 Cells	
PKSV030437	RBD	K378N	His	HEK293 Cells	
PKSV030438	RBD	N370S	His	HEK293 Cells	
PKSV030439	RBD	Q414R	His	HEK293 Cells	
PKSV030440	RBD	S477I	His	HEK293 Cells	
PKSV030441	RBD	S477N	His	HEK293 Cells	
PKSV030442	RBD	T385A	His	HEK293 Cells	
PKSV030443	RBD	T393P	His	HEK293 Cells	
PKSV030444	RBD	V395I	His	HEK293 Cells	
PKSV030445	RBD	A475V	His	HEK293 Cells	
PKSV030446	RBD	G446V	His	HEK293 Cells	
PKSV030447	RBD	G485S	His	HEK293 Cells	
PKSV030448	RBD	G482S	His	HEK293 Cells	
PKSV030449	RBD	K444R	His	HEK293 Cells	
PKSV030450	RBD	N440K	His	HEK293 Cells	
PKSV030451	RBD	E471Q	His	HEK293 Cells	
PKSV030452	RBD	P479S	His	HEK293 Cells	
PKSV030453	RBD	A352S	His	HEK293 Cells	
PKSV030454	RBD	P337S	His	HEK293 Cells	
PKSV030455	RBD	P521R	His	HEK293 Cells	
PKSV030456	RBD	S477R	His	HEK293 Cells	
PKSV030457	RBD	L455F	His	HEK293 Cells	
PKSV030458	RBD	K458Q	His	HEK293 Cells	
PKSV030459	RBD	N481D	His	HEK293 Cells	
PKSV030460	RBD	F456L	His	HEK293 Cells	
PKSV030461	RBD	Y505C	His	HEK293 Cells	
PKSV030462	RBD	F456E	His	HEK293 Cells	
PKSV030463	RBD	F486S	His	HEK293 Cells	
PKSV030464	RBD	N487R	His	HEK293 Cells	
PKSV030465	RBD	G446S	His	HEK293 Cells	
PKSV030466	RBD	P499R	His	HEK293 Cells	
PKSV030467	RBD	V445F	His	HEK293 Cells	
PKSV030468	RBD	F490L	His	HEK293 Cells	
PKSV030469	RBD	W436R	His	HEK293 Cells	

Customized Peptide Service

In the researches of coronavirus SARS-CoV-2, customized peptides can also be offered. Elabscience® offers synthesis service of different quantity and purity range.

Product	Protein type	Design principles
HCoV-229E Spike Glycoprotein	Human coronavirus 229E (HCoV-229E) Spike glycoprotein	291 polypeptides Each peptide contains 15aa 11aa overlapping
HCoV-OC43 Spike Glycoprotein	Human coronavirus OC43 (HCoV-OC43) Spike Glycoprotein	336 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 ORF3a	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Protein 3a	66 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 ORF6	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Non-structural protein 6	13 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 ORF7a	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Non-structural protein 7a	28 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 ORF7b	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Non-structural Protein 7b	8 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 ORF8	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Non-structural protein 8	28 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 ORF9b	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2)Protein 9b	22 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 ORF10	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) ORF10 Protein	7 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 Spike Glycoprotein	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Spike glycoprotein	315 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 N	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Nucleoprotein	102 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 E	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2)Envelope small membrane protein	16 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 M	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Membrane protein	53 polypeptides Each peptide contains 15aa 11aa overlapping
SARS-CoV-2 Y14	SARSr-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Uncharacterized protein 14	16 polypeptides Each peptide contains 15aa 11aa overlapping

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