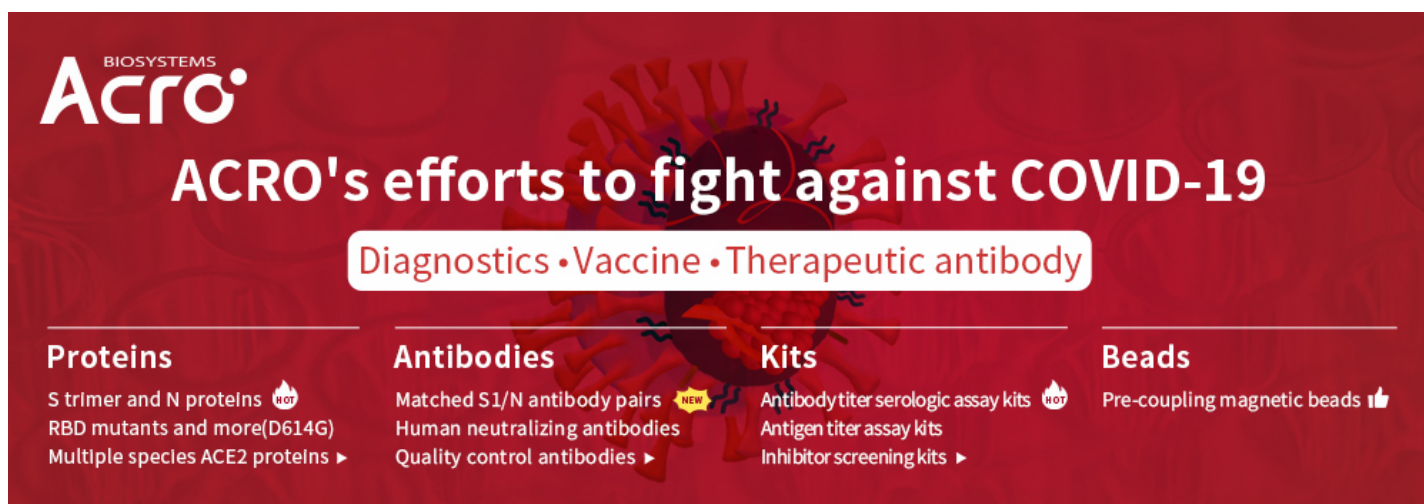


SARS-CoV-2 Related Products



ACRO
BIOSYSTEMS

ACRO's efforts to fight against COVID-19

Diagnostics • Vaccine • Therapeutic antibody

Proteins

S trimer and N proteins ^{HOT}
RBD mutants and more(D614G)
Multiple species ACE2 proteins ▶

Antibodies

Matched S1/N antibody pairs ^{NEW}
Human neutralizing antibodies
Quality control antibodies ▶

Kits

Antibody titer serologic assay kits ^{HOT}
Antigen titer assay kits
Inhibitor screening kits ▶

Beads

Pre-coupling magnetic beads [!]



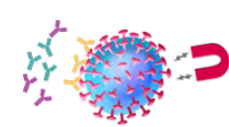
ANTIBODIES ▶



RECOMBINANT PROTEINS ▶



KITS ▶



BEADS ▶

The pandemic caused by SARS-CoV-2 is a public health emergency of international concern. ACROBiosystems has been keeping a close eye on the development of the epidemic situation and accelerating the development of SARS-COV-2 antigen proteins, antibodies, kits and other related products to facilitate the development of serologic tests, therapeutic antibodies and vaccines. ACROBiosystems has developed over 100 products related to SARS-CoV-2, including recombinant proteins, antibodies, kits, beads and so on covering the critical targets of SARS-CoV-2.

>>> [Click to find out how SARS-CoV-2 infects the host](#) 

Antigens and Antibodies for diagnostic 

Critical reagents for vaccine development 

Antibodies

Neutralizing antibodies	Binding antibodies	IgG antibody isotype	HRP-secondary antibody	Antibodies for diagnostic
Cat.No.	Source	Isotype	Epitope	Preorder/Order
S1N-M122	Mouse	Human IgG1	S protein RBD	Order
SPD-M180	Human	Human IgG1	S protein RBD	Order
SAD-S35	Human	Human IgG1	S protein RBD	Order
SPD-M128	Mouse	Human IgG1	S protein RBD	Order
SPD-M162	Mouse	Human IgM	S protein RBD	Order
SPD-M121	Mouse	Human IgG1	S1 protein NTD	Order
S1N-VM226	Mouse	Mouse IgG1	Spike RBD	Order
SPD-M268	Human	Human IgG1	Spike RBD	Order

>>> [The activity of antibodies were verified by pseudovirus. Click to learn more.](#)

Recombinant Proteins

SARS-CoV-2 proteins	SARS-CoV-2 protein mutants	Other coronavirus proteins	Host receptor proteins	Antigens for diagnostics	
Molecule	Cat.No.	Species	Tag	Host	Preorder/Order

Home	Product & Service	Support	Application	X-LAB	Company	Activities	COVID-19 R&D ^{New}
	S protein	SPN-C82E9	SARS-CoV-2		His Tag & Avi Tag	HEK293	Order
	S protein RBD	SPD-C5255	SARS-CoV-2		Fc Tag	HEK293	Order
	S protein RBD	SPD-C52H3	SARS-CoV-2		His Tag	HEK293	Order
	S protein RBD	SPD-C5259	SARS-CoV-2		Mouse IgG Fc Tag	HEK293	Order
	S protein RBD	SPD-C82Aa	SARS-CoV-2		Mouse IgG Fc Tag & Avi Tag	HEK293	Order
	S protein RBD	SPD-C82A9	SARS-CoV-2		Mouse IgG Fc Tag & Avi Tag	HEK293	Order
	S protein RBD	SPD-C82E9	SARS-CoV-2		His Tag & Avi Tag	HEK293	Order
	S1 protein	S1N-C52H3	SARS-CoV-2		His Tag	HEK293	Order
	S1 protein	S1N-C52H4	SARS-CoV-2		His Tag	HEK293	Order
	S1 protein	S1N-C5255	SARS-CoV-2		Fc Tag	HEK293	Order
	S1 protein	S1N-C5257	SARS-CoV-2		Mouse IgG Fc Tag	HEK293	Order
	S1 protein	S1N-C82E8	SARS-CoV-2		His Tag & Avi Tag	HEK293	Order
	S1 protein CTD	S1D-C52H3	SARS-CoV-2		His Tag	HEK293	Order
	S1 protein NTD	S1D-C52H6	SARS-CoV-2		His Tag	HEK293	Order
	S1 protein NTD	S1D-C52E2	SARS-CoV-2		His Tag & Avi Tag	HEK293	Order
	S2 protein	S2N-C52H5	SARS-CoV-2		His Tag	HEK293	Order
	S2 protein	S2N-C52E8	SARS-CoV-2		His Tag & Avi Tag	HEK293	Order
	Nucleocapsid protein	NUN-C51H9	SARS-CoV-2		His Tag	<i>E.coli</i>	Order
	Nucleocapsid protein	NUN-C5227	SARS-CoV-2		His Tag	HEK293	Order
	Nucleocapsid protein	NUN-C81Q6	SARS-CoV-2		His Tag & Avi Tag	<i>E.coli</i>	Order
	Nucleocapsid protein	NUN-C82E8	SARS-CoV-2		His Tag & Avi Tag	HEK293	Order
	Nucleocapsid protein	NUN-C5143	SARS-CoV-2		His Tag	<i>E.coli</i>	Order
	Nucleocapsid protein	NUN-C5145	SARS-CoV-2		His Tag	<i>E.coli</i>	Order
	Papain-like Protease	PAE-C5148	SARS-CoV-2		His Tag	<i>E.coli</i>	Order
	NSP1	NS1-C51H7	SARS-CoV-2		His Tag	<i>E.coli</i>	Order
	NSP16 & NSP10	NS0-C51W3	SARS-CoV-2		His Tag & Strep Tag	<i>E.coli</i>	Order
	NSP7	NS7-C51H6	SARS-CoV-2		His Tag	<i>E.coli</i>	Order
	NSP7 & NSP8	NS8-C5125	SARS-CoV-2		His Tag	<i>E.coli</i>	Order
	NSP8	NS8-C5149	SARS-CoV-2		His Tag	<i>E.coli</i>	Order

>>> [The proteins are with high purity verified by MALS and high bioactivity verified by in vitro assay and cell based assay. Click to learn more.](#)

>>> [If you have any customized inquiries or suggestions for SARS-CoV-2 \(COVID-19\) related product development, please click here.](#)

Kits

Antibody titer assay kits	Antigen titer assay kits	Inhibitor screening kits and more
Cat.No.	Application	Preorder/Order
TAS-K022	Neutralizing antibody titer detection	Order
RAS-N022	Neutralizing antibody titer detection (Diagnostic)	Preorder
TAS-K002	S protein RBD antibody titer assay	Order
TAS-K024	Spike protein RBD antibody IgG titer detection	Preorder
TAS-K007	S trimer antibody titer assay	Order
TAS-K025	S protein trimer antibody IgG titer detection	Preorder
RAS-T001	S1 protein antibody IgG titer detection	Order
RAS-T008	Nucleocapsid protein antibody IgG titer detection	Order
RAS-T009	Spike protein RBD total antibody titer detection	Order
RAS-T012	S1 protein antibody IgM titer detection	Order
RAS-T013	Spike RBD protein antibody IgM titer detection	Order
RAS-T014	Spike RBD protein antibody IgG1 titer detection	Order
RAS-T015	Spike RBD protein antibody IgG2 titer detection	Order

Home	Product & Service	Support	Application	X-LAB	Company	Activities	COVID-19 R&D ^{New}
RAS-T017			Spike RBD protein antibody IgG4 titer detection				Order
RAS-T018			Spike RBD protein antibody IgG1 titer detection				Order
RAS-T023			Detection of Mouse Anti-SARS-CoV-2 antibody (IgG) in serum				Preorder
RAS-T019			Spike RBD protein antibody IgG1 titer detection				Preorder
RAS-T026			U.K. variant Spike RBD protein antibody IgG titer measurement				Preorder
RAS-T027			U.K. variant Spike protein antibody IgG titer measurement				Preorder
RAS-N028			U.K. variant Neutralizing antibody titer detection				Order
RAS-T029			South African variant Spike RBD protein antibody IgG titer measurement				Preorder
RAS-T030			South African variant Spike protein antibody IgG titer measurement				Preorder
RAS-N031			South African variant Neutralizing antibody titer detection				Order
RAS-T032			Brazilian variant Spike RBD protein antibody IgG titer measurement				Preorder
RAS-T033			Brazilian variant Spike protein antibody IgG titer measurement				Preorder
RAS-N034			Brazilian variant Neutralizing antibody titer detection				Order
RAS-N036			U.K. variant Spike trimer neutralizing antibody titer detection				Order
RAS-N037			South Africa variant Spike trimer neutralizing antibody titer detection				Order
RAS-N038			Brazilian variant Spike trimer neutralizing antibody titer detection				Order

>>> [Click to learn more about the kits.](#)

>>> [If you have any customized inquiries or suggestions for SARS-CoV-2 \(COVID-19\) related product development, please click here.](#)

Beads

Magnetic beads		
Cat.No.	Application	Preorder/Order
MBS-K001	S1 protein antibody screening	Order
MBS-K002	Spike protein RBD antibody screening	Order
MBS-K013	Virus capture	Order
MBS-K014	Virus capture	Order
MBS-K015	Spike protein trimer antibody screening	Order
MBS-K016	Spike protein trimer(D614G) antibody screening	Order
MBS-K017	Nucleocapsid protein antibody screening	Order
MBS-K018	Spike S2 antibody screening	Order
MBS-K019	Spike NTD antibody screening	Order
MBS-K029	Variant antibody screening	Preorder
MBS-K030	Variant antibody screening	Preorder
MBS-K031	Variant antibody screening	Preorder
MBS-K032	Variant antibody screening	Preorder
MBS-K033	Variant antibody screening	Preorder
MBS-K034	Variant antibody screening	Preorder

>>> [Click to learn more about the magnetic beads.](#)

>>> [If you have any customized inquiries or suggestions for SARS-CoV-2 \(COVID-19\) related product development, please click here.](#)

ACRO's products have been cited by several COVID-19 related study

ACROBiosystems is a leading manufacturer of recombinant proteins and other critical reagents to support the development of target therapeutics, vaccines and diagnostics. ACRO's reagents have supported lots of researchers around the globe for their COVID-19 related study and have been cited in publications on Cell, Nature, Science, etc.

Orthogonal immunoassays for IgG antibodies to SARS-CoV-2 antigens reveal that immune response lasts beyond 4 mo post illness onset

Authors: Sasisekharan, Varun et al.

Journal: Proc Natl Acad Sci U S A 2021

Cited Product: SPD-C52H3 ,NUN-C5227



High affinity nanobodies block SARS-CoV-2 spike receptor binding domain interaction with human angiotensin converting enzyme

Authors: Esparza, Thomas J et al.

Journal: Scientific reports 2020

Cited Product: S1N-C5255, AC2-H52H8, SPD-C52H3, SPD-C52H3, SPD-C82E9, AC2-H82E6, SPD-S52H7, SPD-S52H4

Application: Immunization, Competitive Immunopanning, SPR & Binding Assay & Phage Display Clone Screening, BLI, Binding Assay



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