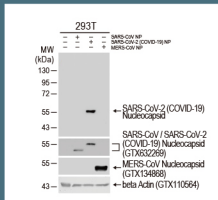
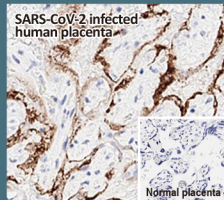


EC50: 74 pM

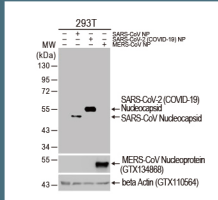
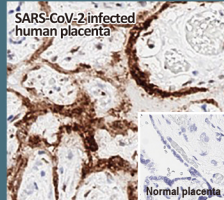


Concentration of detection antibody (nM)	OD 450
0.000001	0.05
0.000002	0.05
0.000005	0.05
0.00001	0.05
0.00002	0.05
0.00005	0.1
0.0001	0.2
0.0002	0.4
0.0005	0.7
0.001	1.1
0.002	1.5
0.005	2.0
0.01	2.3
0.02	2.5
0.05	2.6
0.1	2.7
0.2	2.75
0.5	2.8
1	2.8
2	2.8
5	2.8
10	2.8
20	2.8
50	2.8
100	2.8



EC50: 11 pM

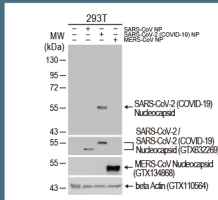
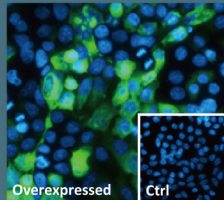
Concentration of detection antibody (nM)	OD ₄₅₀
0.00001	0.0
0.00002	0.0
0.00005	0.0
0.0001	0.0
0.0002	0.0
0.0005	0.1
0.001	0.2
0.002	0.5
0.005	1.2
0.01	2.0
0.02	3.0
0.05	3.6
0.1	3.8
0.2	3.9
0.5	4.0
1	4.0
2	4.0
5	4.0
10	4.0
20	4.0
50	4.0
100	4.0



EC50: 14 pM

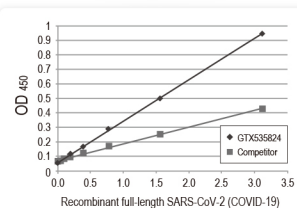


Concentration of detection antibody (nM)



SARS-CoV-2 (COVID-19)
Nucleocapsid Protein
Sandwich ELISA Kit
(GTX535824)

The image displays the components of the SARS-CoV-2 (COVID-19) Nucleocapsid Protein Sandwich ELISA Kit. A white box, labeled 'COVID-19', is open, revealing the contents. In the foreground, there is a white 96-well microplate with a yellow label that reads '96 Wells'. To the right of the plate are several reagent bottles and tubes: two small tubes (one yellow, one blue), a white bottle, and four clear bottles, all with yellow labels. A larger clear bottle with a white cap is also visible on the right. The background is a plain white surface.



A. Recovery		
Sample Type	Cell Culture Supernatant	Plasma
Average Recovery (%)	103.5	102.8
Range (%)	99-108	99-109

B. Linearity			
Sample Type	Cell Culture Supernatant	Plasma	
1:2	Average Recovery (%)	96.9	91.4
	Range (%)	85-104	84-100
1:4	Average Recovery (%)	102.2	96.9
	Range (%)	91-105	92-104



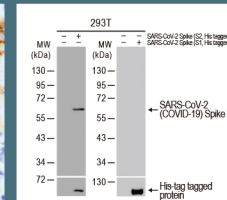
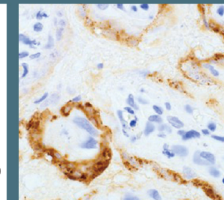
Your Expertise
Our Antibodies
Accelerated Discovery



GeneTex

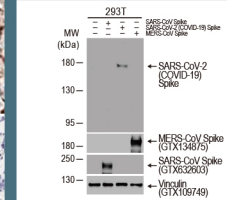
Capture: GTX632604
Detection: GTX635654

Recombinant full-length SARS-CoV-2 spike (trimer) protein (ng/mL)	OD ₄₅₀
0	0.0
100	0.8
200	1.2
300	1.5
400	1.8
500	2.2
1000	2.8
2000	3.5
4000	3.8



EC50: 251 pM

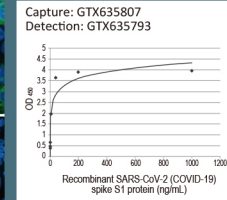
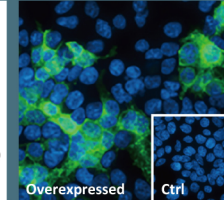
Concentration of detection antibody (nM)	OD 450
0.000001	0.7
0.000002	0.7
0.000005	0.7
0.00001	0.7
0.00002	0.7
0.00005	0.7
0.0001	0.7
0.0002	0.7
0.0005	0.7
0.001	0.7
0.002	0.8
0.005	0.9
0.01	1.0
0.02	1.2
0.05	1.5
0.1	1.8
0.2	2.1
0.5	2.4
1.0	2.6



EC50: 25 pM

OD at 450 nm

Recombinant full-length SARS-CoV-2 spike (trimer) protein (nM)



Since
1997
USA

Quality Antibodies • Quality Results

ELISA kit

Product Name	Applications	Cat. No.
Nucleocapsid Protein Sandwich ELISA Kit	ELISA, Sandwich ELISA	GTX535824

Anti-Spike antibodies

Product Name	Clonality	EC50	Applications	Cat. No.
  Spike S1 antibody [HL1]	Rb recAb	117 pM	WB, ICC/IF, ELISA, Sandwich ELISA	GTX635656
 Spike S1 antibody [HL6]	Rb recAb	251 pM	WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA, FACS, IHC-P	GTX635654
 Spike S1 antibody [HL134]	Rb recAb	552 pM	WB, ICC/IF, IHC-P (cell pellet), ELISA	GTX635671
  Spike S1 antibody [HL263]	Rb recAb	365 pM	WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635672
 Spike S1 antibody [HL13402]	Rb recAb		WB, ICC/IF, ELISA, Sandwich ELISA	GTX635713
 Spike S1 antibody [GT263]	Ms mAb		WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635708
Spike S1 antibody	Rb pAb		WB, ICC/IF, ELISA	GTX135384
 Spike RBD antibody [HL1003]	Rb recAb	7.49 pM	ICC/IF, ELISA, Neutralizing/Inhibition, Sandwich ELISA	GTX635792
 Spike RBD antibody [HL1004]	Rb recAb	25.13 pM	ICC/IF, ELISA, Neutralizing/Inhibition, Sandwich ELISA	GTX635793
 Spike RBD antibody [HL1014]	Rb recAb	28.77 pM	ICC/IF, ELISA, Sandwich ELISA	GTX635807
 Spike RBD antibody [HL257]	Rb recAb		WB, ICC/IF, IHC-P (cell pellet), ELISA	GTX635692
Spike RBD antibody	Rb pAb		WB, FACS, Neutralizing/Inhibition, ICC/IF, ELISA, IHC-P (cell pellet)	GTX135709
Spike RBD antibody	Rb pAb		WB, ICC/IF	GTX135385
 Spike S2 antibody [HL237]	Rb recAb		WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635693
Spike S2 / S2' antibody	Rb pAb		WB, ICC/IF, ELISA, Sandwich ELISA	GTX135386
  Spike antibody [1A9]	Ms mAb		WB, ICC/IF, IHC-P, IHC-P (cell pellet), ELISA, FACS, IP, ELISA, Sandwich ELISA	GTX632604
Spike antibody	Rb pAb		WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX135356
Spike antibody	Rb pAb		WB, ICC/IF, ELISA, Sandwich ELISA	GTX135360
  Spike antibody [CR3022]	Hu recAb		ELISA, Neutralizing/Inhibition	GTX01555
  Spike antibody [CR3022-RB]	Rb recAb		ELISA, Neutralizing/Inhibition	GTX01556

Anti-Nucleocapsid antibodies

Product Name	Clonality	EC50	Applications	Cat. No.
  Nucleocapsid antibody [HL455-MS]	Ms mAb		WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635712
 Nucleocapsid antibody [HL5410]	Rb recAb	9 pM	WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635685
 Nucleocapsid antibody [HL5410] (Gold)	Rb recAb		Immunoassay	GTX635685-17
 Nucleocapsid antibody [HL5511]	Rb recAb	14 pM	WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635689
 Nucleocapsid antibody [HL146]	Rb recAb	50 pM	WB, ICC/IF, ELISA, Sandwich ELISA	GTX635680
 Nucleocapsid antibody [HL249]	Rb recAb	16 pM	WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635678
  Nucleocapsid antibody [HL344]	Rb recAb	74 pM	WB, ICC/IF, IHC-P, IHC-P (cell pellet), IHC-Fr, ELISA, Sandwich ELISA	GTX635679
 Nucleocapsid antibody [HL448]	Rb recAb	11 pM	WB, ICC/IF, IHC-P, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635686
 Nucleocapsid antibody [HL448](HRP)	Rb recAb		WB, ELISA, Sandwich ELISA	GTX635686-01
 Nucleocapsid antibody [HL453]	Rb recAb	6 pM	WB, ICC/IF, IHC-P (cell pellet), ELISA	GTX635687
 Nucleocapsid antibody [HL455]	Rb recAb	6 pM	WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX635688
Nucleocapsid antibody [GT113]	Ms mAb		WB	GTX635808
 Nucleocapsid antibody [6H3]	Ms mAb		WB, ICC/IF, IHC-P (cell pellet), IP, ELISA, Sandwich ELISA	GTX632269
  Nucleocapsid antibody	Rb pAb		WB, ICC/IF, IHC-P, IHC-P (cell pellet), FACS, IP, ELISA, Sandwich ELISA	GTX135357
Nucleocapsid antibody	Rb pAb		WB, ICC/IF, IHC-P (cell pellet), ELISA, Sandwich ELISA	GTX135361

Lateral Flow Recommended Pairs

Pair	Product Name	Clonality	EC50	Cat. No.
Pair I	 Nucleocapsid antibody [HL5511]	Rb recAb	14 pM	GTX635689
	 Nucleocapsid antibody [HL448]	Rb recAb	11 pM	GTX635686
Pair II	 Nucleocapsid antibody [HL5410]	Rb recAb	9 pM	GTX635685
	 Nucleocapsid antibody [HL455]	Rb recAb	6 pM	GTX635688

ELISA Pairs

Product Name	Sensitivity	Cat. No.
Spike RBD ELISA Pair [HL1014 / HL1003]		GTX500046
Spike ELISA Pair - [1A9 / HL263]		GTX500041
Spike ELISA Pair - [1A9 / HL6]		GTX500040
Spike ELISA Pair [1A9 / HL13402]		GTX500043
Nucleocapsid EUSA Pair [HL5511 / HL448]	39.06 pg/mL	GTX500045
Nucleocapsid ELISA Pair [HL5410 / HL455-MS]	2.68 pg/mL	GTX500042

Other Antibodies

Product Name	Clonality	Applications	Cat. No.
RdRp (nsp12) antibody	Rb pAb	WB, ICC/IF	GTX135467
RdRp (nsp12) antibody	Rb pAb	WB	GTX135469
ORF8 antibody	Rb pAb	WB, ICC/IF	GTX135591
nsp1 antibody	Rb pAb	WB	GTX135586
nsp1 antibody	Rb pAb	WB, ICC/IF	GTX135612
PLpro (nsp3) antibody	Rb pAb	WB, ICC/IF	GTX135589
PLpro (nsp3) antibody	Rb pAb	WB, ICC/IF	GTX135614
 ORF7a antibody [3C9]	Ms mAb	WB, ICC/IF	GTX632602
 NSP8 antibody [5A10]	Ms mAb	WB, ICC/IF, FACS	GTX632696

Recombinant Proteins

Product Name	Expression System	Applications	Cat. No.
Spike S1 protein, His tag (active)	HEK293	ELISA, Functional Assay	GTX01554-pro
Spike S1 protein, His and Avi tag (active)	HEK293	ELISA, Functional Assay	GTX01548-pro
Spike S1 protein, His tag (active)	HEK293	WB, ELISA, Functional Assay, Sandwich ELISA	GTX135817-pro
Spike S2 (ECD) protein, mouse IgG Fc tag	HEK293	WB, ELISA, Sandwich ELISA	GTX135684-pro
Spike S2 (ECD) protein, human IgG Fc tag	HEK293		GTX01559-pro
Spike RBD protein, His tag (active)	HEK293	Functional Assay	GTX01546-pro
Nucleocapsid protein, His tag	E. coli	ELISA, Sandwich ELISA	GTX135357-pro
Nucleocapsid protein, His tag	HEK293	WB, ELISA, Sandwich ELISA	GTX135592-pro
Nucleocapsid protein,His tag (Gold)	HEK293	Immunoassay	GTX135746-pro
Envelope protein, His and Avi tag	E. coli		GTX01547-pro
Envelope Protein, GST and His Tag	HEK293		GTX01565-pro
3CLpro (nsp5) protein, His tag	E. coli	WB	GTX135648-pro
3CLpro (nsp5) protein, His and Avi tag	E. coli		GTX01557-pro

Cell Pellet Blocks

Product Name	Applications	Cat. No.
Spike FFPE 293T cell pellet block	IHC-P (cell pellet)	GTX435640
Spike S1 FFPE 293T cell pellet block	IHC-P (cell pellet)	GTX435643
Spike S2 FFPE 293T cell pellet block	IHC-P (cell pellet)	GTX435644
Nucleocapsid FFPE 293T cell pellet block	IHC-P (cell pellet)	GTX435641
Envelope FFPE 293T cell pellet block	IHC-P (cell pellet)	GTX435642
Membrane FFPE 293T cell pellet block	IHC-P (cell pellet)	GTX435645

Overexpression Lysates

Product Name	Applications	Cat. No.
Spike overexpression 293T whole cell lysate	WB, ELISA	GTX535664
Spike S1 overexpression 293T whole cell lysate	WB	GTX535663
Nucleocapsid overexpression 293T whole cell lysate	WB, ELISA	GTX535665

Products for SARS-CoV-2 (COVID-19) Host Cell Entry Research

Product Name	Clonality or Expression System	Applications	Cat. No.
   ACE2 antibody [N1N2], N-term	Rb pAb	WB, ICC/IF, IHC-P, FACS, ELISA	GTX101395
 ACE2 antibody [SN0754]	Rec Rb pAb	WB, ICC/IF, IHC-P	GTX01160
ACE2 antibody	Rb pAb	WB, ICC/IF, IHC-P, ELISA	GTX15349
Human ACE2(ECD) protein, mouse IgG Fc tag	HEK 293	WB, ELISA, Functional Assay	GTX135683-pro
Human ACE2 protein, His and Avi tag	HEK 293	ELISA	GTX01550-pro
TMPRSS2 antibody [N2C3]	Rb pAb	WB, IHC-P	GTX100743
Camostat mesylate		TMPRSS2 inhibitor	GTX01523