

SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449]

Cat. No. GTX636042

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, ELISA, Sandwich ELISA
Reactivity	SARS Coronavirus 2

Package
100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX635807, Detection : GTX636042 or Capture : GTX636042, Detection : GTX635807 / GTX635693 / GTX635713 / GTX635654.

Please notice that the capture antibody needs to be conjugated to HRP to function as the detection antibody when paired with the detected antibody. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length SARS-CoV-2 (COVID-19) Spike RBD recombinant protein. (strain:Wuhan-hu-1)
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



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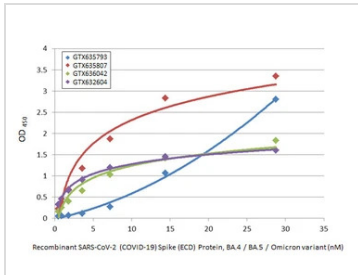
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

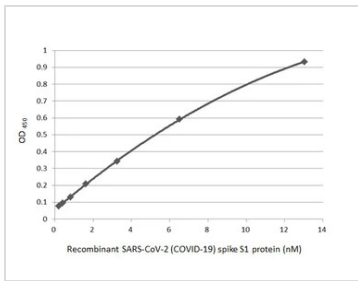
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DATA IMAGES



GTx636042 ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant SARS-CoV-2 (COVID-19) Spike (ECD) Protein, Omicron / BA.4 / BA.5 variant, His tag (GTx137113-pro) (28.78-0.45 nM). Coated protein was probed with the specified SARS-CoV-2 (COVID-19) Spike S1 antibodies (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTx213110-01) (1:10000) or goat anti-mouse IgG antibody (HRP) (GTx213111-01) (1:10000) were used to detect the bound primary antibodies.

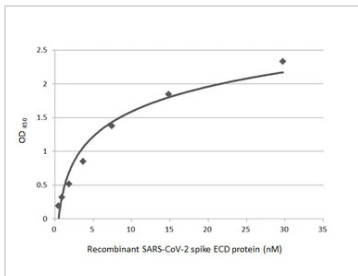


GTx636042 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) (GTx135817-pro) using antibodies as below.

Capture: SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449] (GTx636042) (5 µg/mL)

Detection: SARS-CoV-2 (COVID-19) Spike S1 antibody [HL6] (GTx635654) (1 µg/mL)

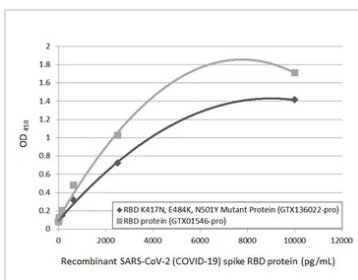


GTx636042 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike (ECD) protein, His tag (active) (GTx135972-pro) using antibodies as below.

Capture: SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449] (GTx636042) (5 µg/mL)

Detection: SARS-CoV-2 (COVID-19) Spike S2 antibody [HL237] (GTx635693) (1 µg/mL)



GTx636042 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike RBD (K417N, E484K, N501Y Mutant) protein, His tag (active) (GTx136022-pro) and SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (GTx01546-pro) using SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (GTx635807) as capture antibody at concentration of 5 µg/mL and SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449] (GTx636042) as detection antibody at concentration of 1 µg/mL. Mouse IgG antibody (HRP) (GTx213111-01) was diluted at 1:10000 and used to detect the primary antibody.



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