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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1002]

Cat No. GTX635791

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	ELISA, Neutralizing/Inhibition, 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	Dilution
ELISA	Assay dependent
Neutralizing/Inhibition	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX632604 / GTX635792 / GTX635807, Detection: GTX635791. or Capture : GTX635791, Detection: GTX63807 / GTX635792-01. Please notice that GTX635791 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635792 or GTX635807. GTX635807 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635791. Please contact us for conjugation service.

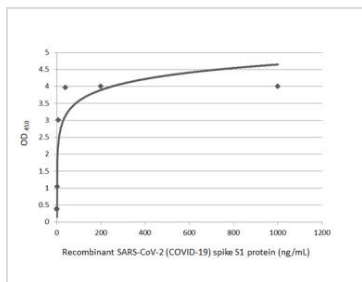
Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	PBS
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 RBD recombinant protein.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

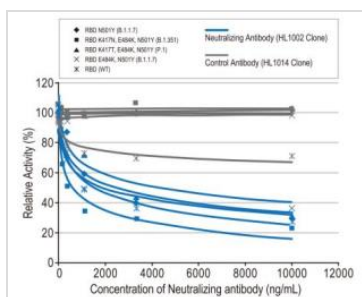


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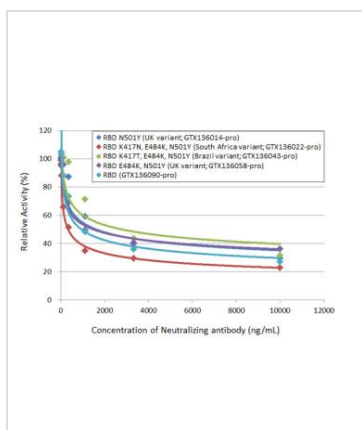
DATA IMAGES

GTx635791 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) (GTx01554-pro) using SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (GTx635807) as capture antibody at concentration of 5 µg/mL and HRP-conjugated SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1002] (GTx635791) as detection antibody at concentration of 1 µg/mL.

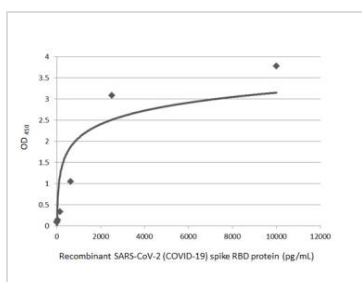
Please notice that GTx635791 needs to be conjugated to HRP to function as the detection antibody when paired with GTx635807. Please contact us for custom HRP-conjugated antibody.


GTx635791 Neutralizing/Inhibition Image

Inhibition analysis of immobilized recombinant SARS-CoV-2 (COVID-19) Spike RBD proteins of WT and viral variants (coated at 2 µg/mL) binding to soluble recombinant Human ACE2 (ECD) protein, mouse IgG Fc tag (active) (GTx135683-pro) (1000 ng/mL). ACE2 binding was inhibited by increasing concentrations of SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1002] (GTx635791) and SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (13.72-10000 ng/mL). Bound ACE2 was detected by Goat Anti-Mouse IgG antibody (HRP) (GTx213111-01) (1:10000).


GTx635791 Neutralizing/Inhibition Image

Inhibition analysis of immobilized recombinant SARS-CoV-2 (COVID-19) Spike RBD (N501Y Mutant) protein, His tag (active) (UK variant) (GTx136014-pro), SARS-CoV-2 (COVID-19) Spike RBD (K417N, E484K, N501Y Mutant) protein, His tag (active) (South Africa variant) (GTx136022-pro), SARS-CoV-2 (COVID-19) Spike RBD (K417T, E484K, N501Y Mutant) protein, His tag (active) (Brazil variant) (GTx136043-pro), SARS-CoV-2 (COVID-19) Spike RBD (E484K, N501Y Mutant) protein, His tag (active) (UK (Kent) variant) (GTx136058-pro) and SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (Wild type) (GTx136090-pro) (coated at 2 µg/mL) binding to soluble recombinant Human ACE2 (ECD) protein, mouse IgG Fc tag (active) (GTx135683-pro) (1000 ng/mL). ACE2 binding was inhibited by increasing concentrations of SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1002] (GTx635791) (14-10000 ng/mL). Bound ACE2 was detected by Goat Anti-Mouse IgG antibody (HRP) (GTx213111-01) (1:10000).


GTx635791 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (GTx01546-pro) using SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1003] (GTx635792) as capture antibody at concentration of 5 µg/mL and HRP-conjugated SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1002] (GTx635791) as detection antibody at concentration of 1 µg/mL.

Please notice that GTx635791 needs to be conjugated to HRP to function as the detection antibody when paired with GTx635792. Please contact us for custom HRP-conjugated antibody.



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