SARS-CoV-2 (COVID-19) Spike RBD Protein, B.1.617.1 / Kappa variant, His tag (active)

Cat. No. GTX136299-pro

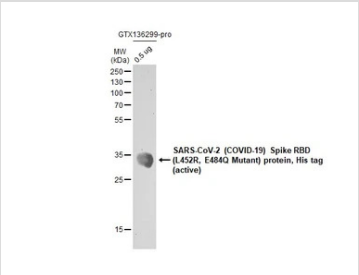
Applications	Binding Assay, WB, ELISA, Sandwich ELISA
Species	SARS Coronavirus 2

Package
100 µg

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70ºC or below. Do not vortex.
Concentration	0.6 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	SARS-CoV-2 Spike RBD of QHD43416.1 (319-541 a.a) with L452R and E484Q mutations and His tag at the C-terminus
Expression System	HEK293 cells
Purity	>95%
Conjugation	Unconjugated
Note	For *In vitro* laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



GTX136299-pro WB Image

SARS-CoV-2 (COVID-19) Spike RBD (L452R, E484Q Mutant) protein, His tag (active) protein (GTX136299-pro, 0.5 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with the SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTX635692) diluted at 1:5000.

For full product information, images and publications, please visit our website.

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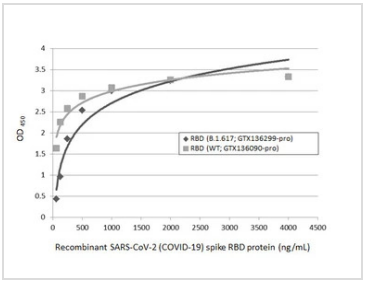
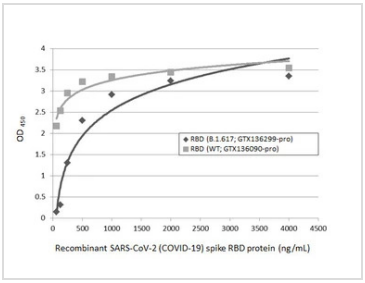


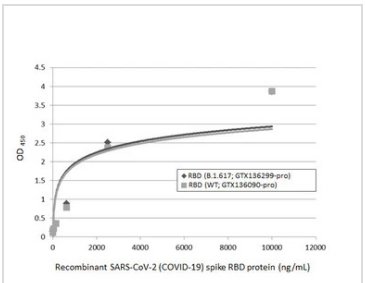
GTX136299-pro ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike RBD (L452R, E484Q Mutant) protein, His tag (active) (Indian variant) (GTX136299-pro) and SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (Wild type) (GTX136090-pro) (4000-62.5 ng/mL). Coated protein was probed with SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1004] (GTX635793) (1 µg/mL). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect bound primary antibody.



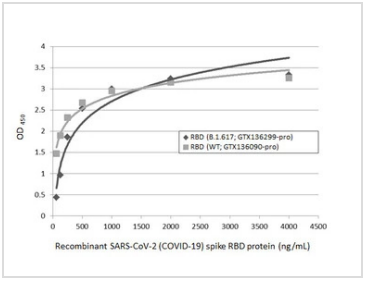
GTX136299-pro ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike RBD (L452R, E484Q Mutant) protein, His tag (active) (Indian variant) (GTX136299-pro) and SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (Wild type) (GTX136090-pro) (4000-62.5 ng/mL). Coated protein was probed with SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1003] (GTX635792) (1 µg/mL). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect bound primary antibody.



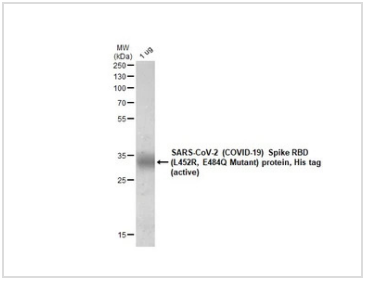
GTX136299-pro ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike RBD (L452R, E484Q Mutant) protein, His tag (active) (Indian variant) (GTX136299-pro) and SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (Wild type) (GTX136090-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.



GTX136299-pro ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike RBD (L452R, E484Q Mutant) protein, His tag (active) (Indian variant) (GTX136299-pro) and SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (Wild type) (GTX136090-pro) (4000-62.5 ng/mL). Coated protein was probed with SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (GTX635807) (1 µg/mL). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect bound primary antibody.



GTX136299-pro Image

1 µg of GTX136299-pro SARS-CoV-2 (COVID-19) Spike RBD (L452R, E484Q Mutant) protein, His tag (active) protein was analyzed using SDS-PAGE and stained with coomassie blue and captured by monochrome camera.

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