

## SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active)

## Cat. No. GTX135817-pro

Applications	Binding Assay, WB, ELISA, Sandwich ELISA	References ( 1 )
Species	SARS Coronavirus 2	Package 100 µg

## Applications

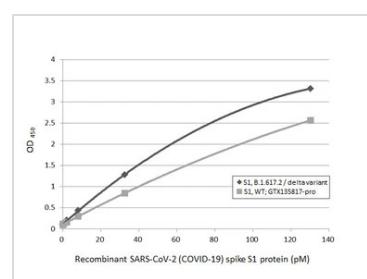
## Application Note

Recommended antibody pair for sandwich ELISA: Capture: GTX635807, Detection: GTX635792-01 / GTX635793-01/ GTX635791. 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.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70°C or below. Do not vortex.
Concentration	0.9 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	SARS-CoV-2 Spike of QHD43416.1 (1-685 a.a) with His tag at the C-terminus
Expression System	HEK293 cells
Purity	>90%
Conjugation	Unconjugated
Note	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

## DATA IMAGES



## GTX135817-pro ELISA Image

Sandwich ELISA detection of recombinant Spike S1 proteins derived from different strains of SARS-CoV-2 virus (Wild type or B1.617.2 delta variant) using antibodies as below.

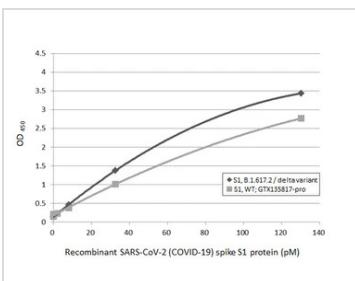
**Capture:** SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (GTX635807) (5 µg/mL)

**Detection:** SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1003] (HRP) (GTX635792-01) (1 µg/mL).



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 31 Page 1 of 2

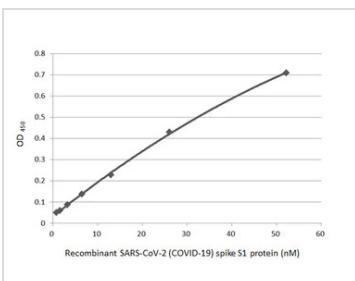


### GTx135817-pro ELISA Image

Sandwich ELISA detection of recombinant Spike S1 proteins derived from different strains of SARS-CoV-2 virus (Wild type or B1.617.2 delta variant) using antibodies as below.

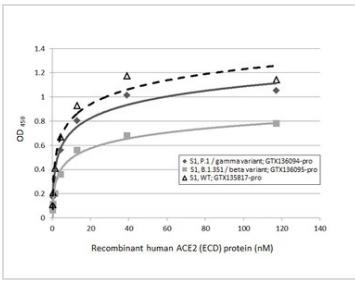
**Capture:** SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (GTx635807) (5 µg/mL)

**Detection:** SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1004] (HRP) (GTx635793-01) (1 µg/mL).



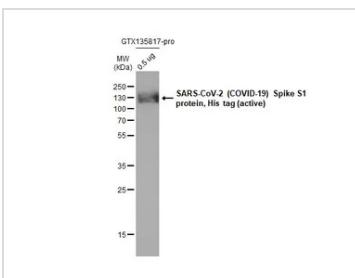
### GTx135817-pro ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) (GTx135817-pro) (52.15-0.81 nM). Coated protein was probed with SARS-CoV-2 (COVID-19) Spike S1 antibody [HL134] (GTx635671) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTx213110-01) (1:10000) was used to detect bound primary antibody.



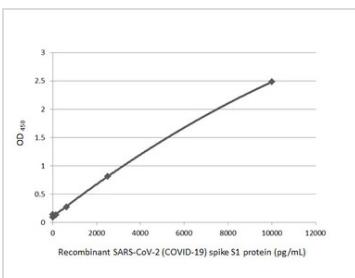
### GTx135817-pro Binding Assay Image

Functional ELISA analysis of immobilized recombinant Spike S1 protein(s) derived from different strains of SARS-CoV-2 virus (ie., Wild type; B.1.351 beta variant; P.1 gamma variant) (coated at 2 µg/mL) binding to soluble recombinant Human ACE2 (ECD) protein, mouse IgG Fc tag (active) (GTx135683-pro) (0.16-117.19 nM). Bound protein was detected by Goat Anti-Mouse IgG antibody (HRP) (GTx213111-01) (1:10000).



### GTx135817-pro WB Image

SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) protein (GTx135817-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.



### GTx135817-pro ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) (GTx135817-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 [HL1003] (HRP) (GTx635792-01) as detection antibody at concentration of 1 µg/mL.



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 31 Page 2 of 2