

## SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1004] (HRP)

Cat. No. GTX635793-01

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	ELISA, Sandwich ELISA
Reactivity	SARS Coronavirus 2

Reference ( 1 )

Package

50 µl

## APPLICATION

## Application Note

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

Suggested dilution	Recommended dilution
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

**Note : Capture : GTX632604 / GTX635807, Detection : GTX635793-01**

Not tested in other applications.

## Product Note

This antibody detects SARS-CoV-2 Spike protein but does not cross-react with SARS-CoV spike protein based on customer's feedback. This antibody is able to detect SARS-CoV-2 Spike RBD (N501Y mutant) and Spike RBD (K417N, E484K, N501Y Mutant) protein.

## 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	0.83 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein corresponding to SARS-CoV-2 Spike RBD. (Strain:Wuhan-Hu-1)
Purification	Affinity purified by Protein A
Conjugation	Horseradish peroxidase(HRP)



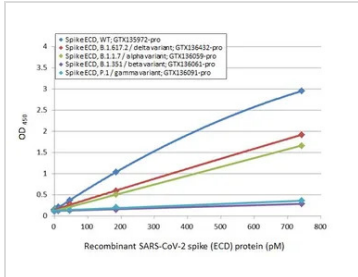
For full product information, images and publications, please visit our [website](#).

Date 2024 / 05 / 03 Page 1 of 2

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

**Note**

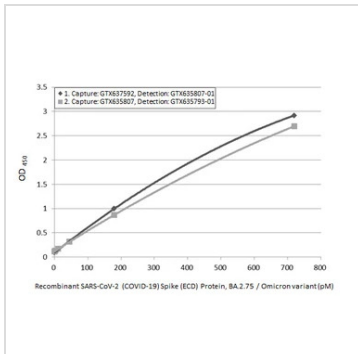
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTx635793-01 ELISA Image**

Sandwich ELISA detection of recombinant Spike ECD protein(s) derived from different strains of SARS-CoV-2 virus (ie., Wild type; B.1.1.7 alpha variant; B.1.351 beta variant; P.1 gamma variant; B.1.617.2 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)


**GTx635793-01 ELISA Image**

Sandwich ELISA detection of SARS-CoV-2 (COVID-19) Spike (ECD) Protein, Omicron / BA.2.75 variant, His tag (GTx137533-pro) using ELISA pairs below.

Pair 1:

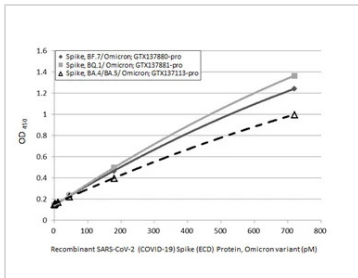
**Capture:** SARS-CoV-2 (COVID-19) Spike RBD Omicron antibody [HL1867] (GTx637592) (5 µg/mL)

**Detection:** SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (HRP) (GTx635807-01) (1 µg/mL)

Pair 2:

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

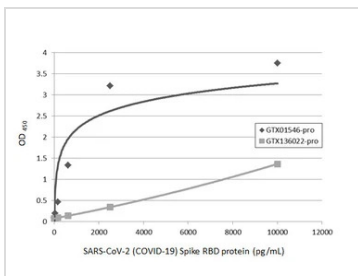
**Detection:** SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1004] (HRP) (GTx635793-01) (1 µg/mL)


**GTx635793-01 ELISA Image**

Sandwich ELISA detection of recombinant Spike ECD protein(s) derived from different strains of SARS-CoV-2 virus (ie., BA.4/ BA.5 Omicron variant; BF.7 Omicron variant; BQ.1 Omicron 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)


**GTx635793-01 ELISA Image**

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (GTx01546-pro) and SARS-CoV-2 (COVID-19) Spike RBD (K417N, E484K, N501Y Mutant) protein, His tag (active) (GTx136022-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 [HL1004] (HRP) (GTx635793-01) as detection antibody at concentration of 1 µg/mL.



For full product information, images and publications, please visit our [website](https://www.genetex.com).