

## SARS-CoV-2 (COVID-19) Spike RBD ELISA pair [HL1014 / HL1004]

**Cat. No. GTX500047**

<b>Application</b>	ELISA, Sandwich ELISA
<b>Reactivity</b>	SARS Coronavirus 2

**Package**  
1 pair

## PRODUCT

## Product Content

Cat No.	Type	Host	Conjugation	Package
GTX635793-01	Detection Antibody	Rabbit	HRP	50µl
GTX635807	Capture Antibody	Rabbit	Unconjugated	100µl

## APPLICATION

## Application Note

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

Suggested dilution	Recommended dilution
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Not tested in other applications.

## Product Note

This ELISA pair is able to detect SARS-CoV-2 Spike RBD (N501Y mutant) and Spike RBD (K417N, E484K, N501Y Mutant) protein.

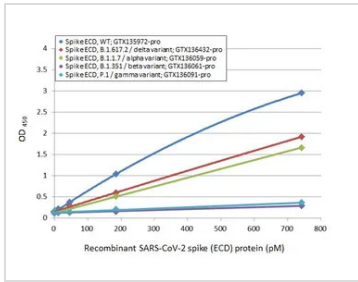
## PROPERTIES

<b>Form</b>	Liquid
<b>Storage</b>	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.
<b>Note</b>	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p>



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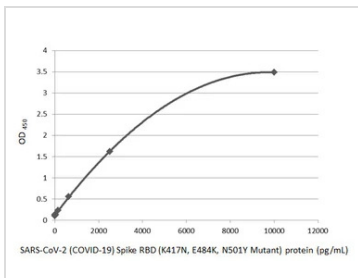
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**DATA IMAGES**

**GTX500047 ELISA Image**

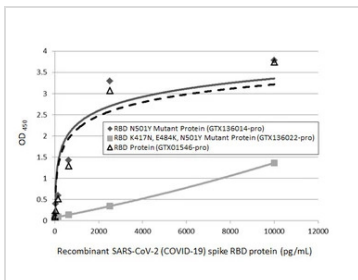
Sandwich ELISA detection of recombinant Spike ECD protein(s) derived from different strains of SARS-CoV-2 virus (ie., Wild type; B.1.1.7 alpha variant; B.1.351 beta variant; P.1 gamma variant; B.1.617.2 delta variant) using antibodies as below.

**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)


**GTX500047 ELISA Image**

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike RBD (N501Y Mutant) protein, mouse Fc tag (GTX136024-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.


**GTX500047 ELISA Image**

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike RBD (N501Y Mutant) protein, His tag (active) (GTX136014-pro), 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 [HL1004] (HRP) (GTX635793-01) as detection antibody at concentration of 1 µg/mL.



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