

## SARS-CoV-2 (COVID-19) Spike RBD Protein Sandwich ELISA Kit

## Cat. No. GTX536267

Applications	ELISA, Sandwich ELISA
Reactivity	SARS Coronavirus 2

References ( 5 )

Package

96 test

## PRODUCT

**Summary** The GeneTex SARS-CoV-2 (COVID-19) Spike RBD Protein Sandwich ELISA kit is an in vitro tool that quantitatively detects the SARS-CoV-2 Spike receptor-binding domains (RBDs) of the "wildtype" SARS-CoV-2 strain as well as those of the Alpha, Beta, Gamma, Delta, Alpha (E484K), and Kappa variants. This assay employs a pair of monoclonal antibodies specific for the SARS-CoV-2 RBD, with the lowest detectable dose concentration of standard RBD protein being 1.8 pg/ml (Alpha variant).

## Applications

## Application Note

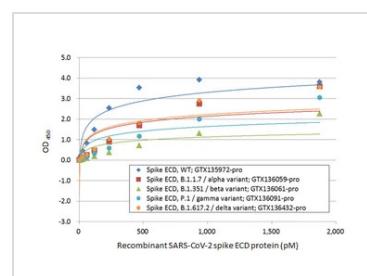
The suitable sample types include cell culture supernatant, plasma and serum. The suggested sample loading amount is 50 $\mu$ l per well. Please see the protocol for detailed procedure. Assay range : Please refer to the protocol.

**Product Note** This ELISA kit detects Spike RBD proteins derived from multiple SARS-CoV-2 VOCs, including Omicron variant (BA.1 and BA.2).

## Properties

Preservative	0.05% ProClin 300
Storage	The entire kit can be stored at 2-8°C for up to 6 months.
Conjugation	Horseradish peroxidase(HRP)
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



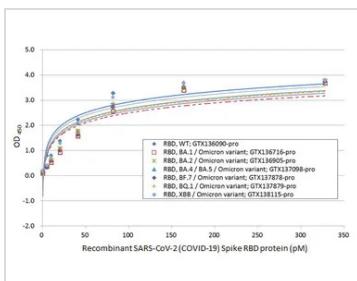
## GTX536267 ELISA Image

Sandwich ELISA detection of recombinant Spike ECD proteins 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; B1.617.2 delta variant) using SARS-CoV-2 (COVID-19) Spike RBD Protein Sandwich ELISA Kit (GTX536267).



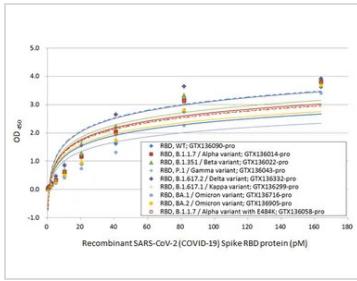
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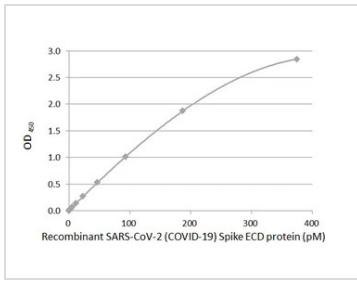
### GTx536267 ELISA Image

Sandwich ELISA detection of recombinant Spike RBD proteins derived from different strains of SARS-CoV-2 (i.e., wild type; BA.1 Omicron variant; BA.2 Omicron variant; BA.4 / BA.5 Omicron variant; BF.7 Omicron variant; BQ.1 Omicron variant; XBB Omicron variant) using SARS-CoV-2 (COVID-19) Spike RBD Protein Sandwich ELISA Kit (GTx536267).



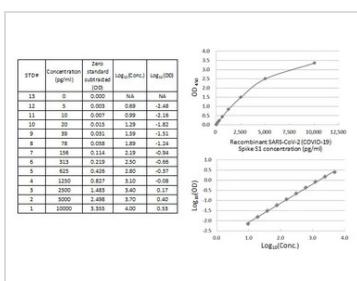
### GTx536267 ELISA Image

Sandwich ELISA detection of recombinant Spike RBD proteins derived from different strains of SARS-CoV-2 (i.e., wild type; B.1.1.7 Alpha variant; B.1.351 Beta variant; P.1 Gamma variant; B1.617.2 Delta variant, B1.617.1 Kappa variant; BA.1 Omicron variant; BA.2 Omicron variant; B.1.1.7 Alpha variant with E484K) using SARS-CoV-2 (COVID-19) Spike RBD Protein Sandwich ELISA Kit (GTx536267).



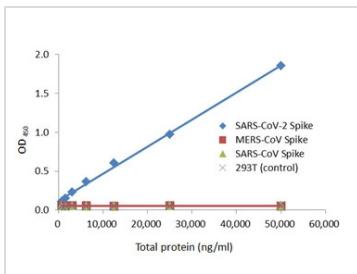
### GTx536267 ELISA Image

Sandwich ELISA detection of recombinant Spike ECD protein (GTX135972-pro) derived from wild-type strain of SARS-CoV-2 using SARS-CoV-2 (COVID-19) Spike RBD Protein Sandwich ELISA Kit (GTx536267).



### GTx536267 ELISA Image

ELISA analysis of SARS-CoV-2 (COVID-19) Spike protein S1 subunit using SARS-CoV-2 (COVID-19) Spike RBD Protein Sandwich ELISA Kit (GTx536267).



### GTx536267 ELISA Image

ELISA assay using lysates of 293T cells overexpressing the spike proteins from SARS-CoV-2, SARS-CoV, or MERS-CoV. The SARS-CoV-2 (COVID-19) Spike RBD Protein Sandwich ELISA Kit (GTx536267) specifically detects only SARS-CoV-2 spike protein.



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