

# SARS-CoV-2 (COVID-19) Spike-ACE2 Binding / Neutralization Assay Kit

**Cat. No. GTX536401**
**Applications** Neutralizing/Inhibition

**Reactivity** SARS Coronavirus 2

**References** ( 1 )

**Package**

96 test

## PRODUCT

### Summary

The GeneTex SARS-CoV-2 (COVID-19) Spike-ACE2 Binding / Neutralization Assay Kit is an in vitro assay for qualitative SARS-CoV-2 neutralization reagent screening. The kit includes the recombinant RBD proteins of the wildtype (WT) strain and five major WHO-designated variants of concern (i.e., Alpha, Beta, Gamma, Delta, and Kappa) for strain-specific neutralization analysis.

### Applications

### Application Note

The suitable sample types include but not limit to purified antibodies and serum. The suggested sample loading amount is 50µl per well. Please see the protocol for detailed procedure.

## Properties

**Storage** The entire kit can be stored at 2-8°C for up to 6 months.

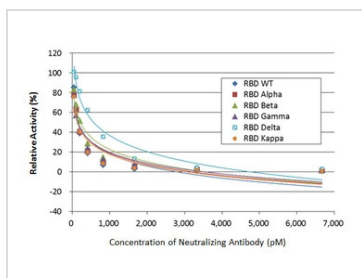
**Conjugation** Horseradish peroxidase(HRP)

### Note

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

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



### GTX536401 Neutralizing/Inhibition Image

Inhibition analysis of SARS-CoV-2 (COVID-19) spike neutralizing control antibody using SARS-CoV-2 (COVID-19) Spike-ACE2 Binding / Neutralization Assay Kit (GTX536401).



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

|             | RBD<br>WT | RBD<br>Alpha | RBD<br>Beta | RBD<br>Gamma | RBD<br>Delta | RBD<br>Kappa |
|-------------|-----------|--------------|-------------|--------------|--------------|--------------|
| Average (%) | 95.7      | 94.1         | 108.3       | 99.2         | 104.7        | 99.9         |
| Range (%)   | 87-115    | 79-110       | 100-116     | 93-107       | 91-120       | 93-112       |

**GTX536401 Image**

The recovery of SARS-CoV-2 (COVID-19) Spike-ACE2 Binding / Neutralization Assay Kit (GTX536401) was determined by spiking a spike neutralizing control antibody in human serum.


**GTX536401 Image**


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