

# SARS-CoV-2 Neutralizing Antibody ELISA Kit (Omicron BA.1 / BA.2 / BA.4 / BA.5)

**Cat. No. GTX537233**

**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 (Omicron BA.1 / BA.2 / BA.4 / BA.5) is an in vitro assay for qualitative SARS-CoV-2 NAb screening. The kit includes the recombinant trimeric spike proteins of the wildtype (WT) strain and three Omicron BA.1, BA.2, and BA.4 / BA.5 variants for strain-specific neutralization analysis.

### 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 *In vitro* laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

## DATA IMAGES



**GTX537233 Neutralizing/Inhibition Image**

(A) neutralizing antibody against SARS-CoV-2 (wild-type)				
GTX537233		Comparator		
		Positive	Negative	Total
	Positive	36	0	36
	Negative	0	79	79
	Total	36	79	115
	Positive Agreement	100% (95% CI: 98.4-100.0%)		
	Negative Agreement	100% (95% CI: 95.4-100.0%)		

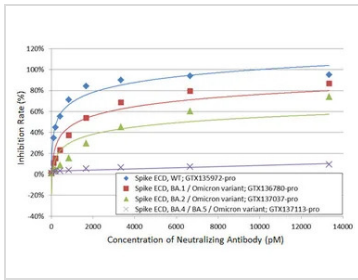
(B) neutralizing antibody against SARS-CoV-2 (Omicron BA.1, BA.2, BA.4 / BA.5 variants)												
GTX537233		SARS-CoV-2 BA.1			SARS-CoV-2 BA.2			SARS-CoV-2 BA.5				
		Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total		
	Positive	5	0	5	5	0	5	5	0	5		
	Negative	0	5	5	0	5	5	0	5	5		
	Total	5	5	10	5	5	10	5	5	10		
	Positive Agreement	100% (95% CI: 56.6-100.0%)			100% (95% CI: 56.6-100.0%)			100% (95% CI: 56.6-100.0%)				
	Negative Agreement	100% (95% CI: 56.6-100.0%)			100% (95% CI: 56.6-100.0%)			100% (95% CI: 56.6-100.0%)				

**GTX537233 Neutralizing/Inhibition Image**

To evaluate agreement, (A) 115 serum samples were tested using SARS-CoV-2 Neutralizing Antibody ELISA Kit (Omicron BA.1 / BA.2 / BA.4 / BA.5) (GTX537233). The results of neutralizing antibody (NAb) against wild-type virus were compared to a commercial ELISA kit results. (B) A total of 10 serum (5 NAb negative and 5 NAb positive) were further tested against Omicron BA.1, BA.2 and BA.5 virus for comparing with the results of NAb against Omicron BA.1, BA.2, BA.4/5 using SARS-CoV-2 Neutralizing Antibody ELISA Kit (GTX537233).

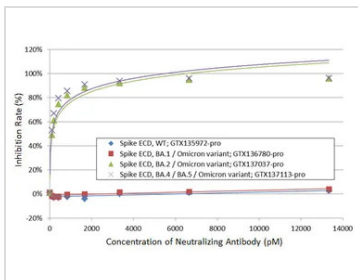


For full product information, images and publications, please visit our [website](#).



### GTX537233 Neutralizing/Inhibition Image

Inhibition analysis of SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1003] (GTX635792) (104-13333 pM) using SARS-CoV-2 Neutralizing Antibody ELISA Kit (Omicron BA.1 / BA.2 / BA.4 / BA.5).



### GTX537233 Neutralizing/Inhibition Image

Inhibition analysis of SARS-CoV-2 (COVID-19) Spike RBD Omicron antibody [HL1867] (GTX637592) (104-13333 pM) using SARS-CoV-2 Neutralizing Antibody ELISA Kit (Omicron BA.1 / BA.2 / BA.4 / BA.5).



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