

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

**Cat. No. GTX537233**

<b>Applications</b>	Neutralizing /Inhibition
<b>Reactivity</b>	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

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



**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
<b>Total</b>	<b>36</b>	<b>79</b>	<b>115</b>
Positive Agreement	100% (95% CI: 93.4-100.0%)		
Negative Agreement	100% (95% CI: 95.4-100.0%)		

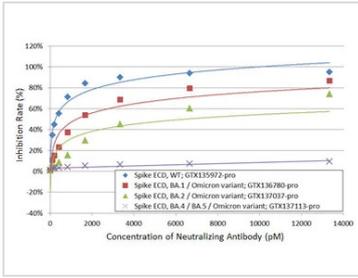
(B) neutralizing antibody against SARS-CoV-2 (Omicron BA.1, BA.2, BA.4 / BA.5 variants)									
GTX537233	SARS-CoV-2 BA.1			SARS-CoV-2 BA.2			SARS-CoV-2 BA.5		
	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total
Positive	5	0	5	5	0	5	5	0	5
Negative	0	5	5	0	5	5	0	5	5
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>10</b>
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**

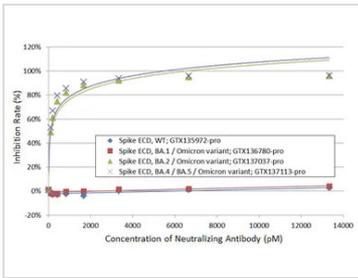
To evaluate agreement, (A) 115 serum samples were tested using SARS-CoV-2 Neutralizing Antibody ELISA Kit (Omicron BA.1 / BA.2 / BA.4 / BA.5) (GTX537233). The results of neutralizing antibody (NAb) against wild-type virus were compared to a commercial ELISA kit results. (B) A total of 10 serum (5 NAb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



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