

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

Cat. No. GTX537233

Applications	Neutralizing/Inhibition	References (1)
Reactivity	SARS Coronavirus 2	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 <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

			- 0	omparato						
		P	ositive	Negative	Total					
GTX53723	Posit	ive	36	0	36					
G1X53723	Negat	ive	0	79	79					
	Tota	il .	36	79	115					
Positiv	e Agreemen		100% (95	5% CI: 90.4-	100.0%)					
Negative Agreement			100% (95% CI: 95.4-100.0%)							
							2.01			
	e Agreeme zing antib	ody aga	nst SAR	S-CoV-2 (Omicron	RS-CoV-2 B	A.2	SAF	S-CoV-28	
		ody aga SA Neutra	nst SAR	S-CoV-2 (! BA.1 est (TCID ₆₀)	Omicron SAF Neutral	RS-CoV-2 B	A.2	SAF Neutrali	S-CoV-28	(TCID _{bo})
B) neutrali		ody aga SA Neutra	nst SAR RS-CoV-2 Ization Te	S-CoV-2 (! BA.1 est (TCID ₆₀)	Omicron SAF Neutral	RS-CoV-28 Ization Test	A.2 (TCID ₅₀)	SAF Neutrali	S-CoV-28 ration Test	(TCID _{bo})
B) neutrali	zing antib	ody aga SA Neutra Positive	nst SAR RS-CoV-2 Ration Te Negation	S-CoV-2 (! BA.1 est (TCID ₀₀)	Omicron SAF Neutral Positive	RS-CoV-2 B zation Test Negative	A.2 (TCID ₀₀) Total	SAF Neutrali Positive	S-CoV-28 ration Test Negative	(TCID ₅₀) Total
B) neutrali	zing antib	SA Neutra Positive	nst SAR RS-CoV-2 Ization Te Negation	S-CoV-2 (I BA.1 est (TCID ₀₀) ve Total	Omicron SAF Neutral Positive	RS-CoV-2 B gation Test Negative 0	A.2 (TCID _{b0}) Total 5	SAF Neutrali Positive 5	S-CoV-28 ration Test Negative 0	Total 5
B) neutrali	zing antib	SA Neutral Positive 5 0	nst SAR RS-CoV-2 Eation To Negation 0 5	S-CoV-2 (1 BA.1 est (TCID ₆₀) ve Total 5	Omicron SAF Neutral Positive 5 0	RS-CoV-2 B zation Test Negative 0 5	A.2 (TCID ₀₀) Total 5 5	SAF Neutrali Positive S 0	S-CoV-28 ration Test Negative 0 5	Total 5 5 10

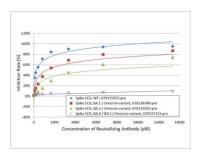
GTX537233 Neutralizing/Inhibition Image

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).



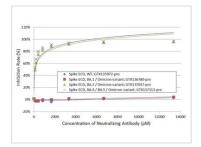
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GTX537233 Neutralizing/Inhibition Image

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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