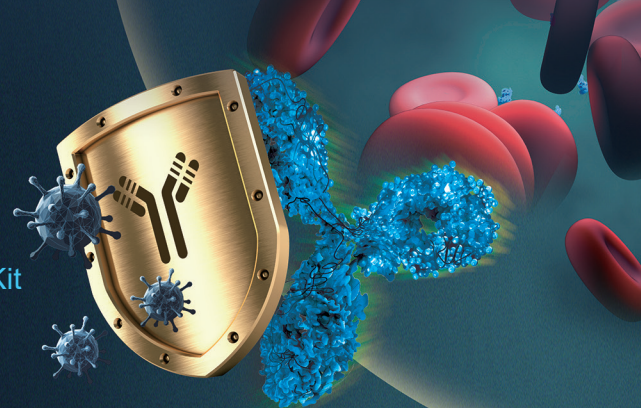


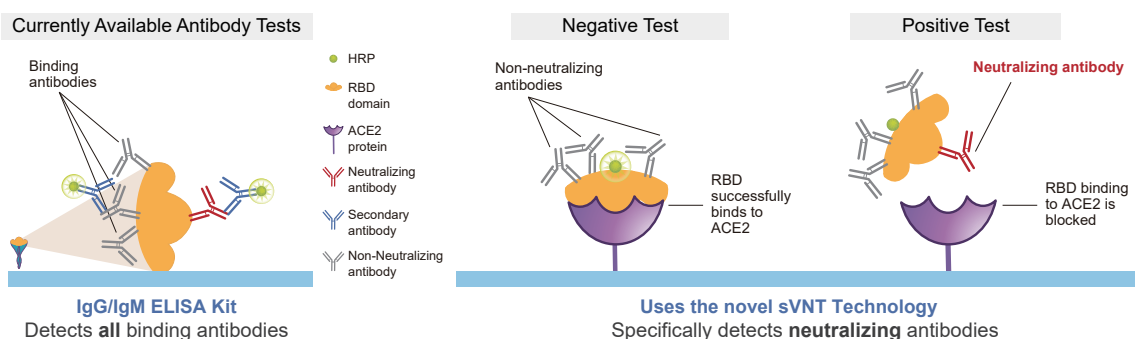
# Detect COVID-19 Neutralizing Antibodies in 1 hour!

Test with SARS-CoV-2 Surrogate Virus Neutralization Test (sVNT) Kit

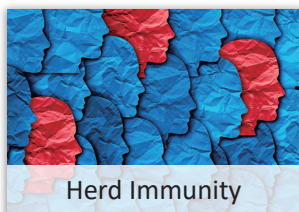
For research use only. Not for use in diagnostic procedures.



Studies have shown that neutralizing antibodies (NABs) play an important role in the development of immunity to a disease and are important considerations in vaccine development efforts<sup>1</sup>. There is still much to learn about the NABs that result from SARS-CoV-2 infection. The SARS-CoV-2 Surrogate Neutralization Test (sVNT) (for research use only) is an extremely useful, first-of-its-kind research assay that facilitates the specific detection of NABs in a sample<sup>2</sup>. The RUO version is a great tool to analyze variant of concern responses and perform semi-quantitative testing using additional GenScript reagents.



## First-in-the-World Neutralizing Antibody Test (Research Use Only)



Herd Immunity



Therapy Validation



Vaccine Efficacy

The SARS-CoV-2 Surrogate Virus Neutralization Test (sVNT) is for research use only. Not for diagnostic use.

## sVNT Test Key Benefits



Species Independent

Not limited to human samples, test is applicable to any species



Safe & Accessible

No biohazard facility required making it highly accessible to global communities



Scalable

Can be easily adapted for high throughput automated testing











## Comparison between PRNT and sVNT Test (Research Use Only)

		Plaque Reduction Neutralization Test	
		Positive (n=26)	Negative (n=40)
GenScript SARS-CoV-2 Surrogate Virus Neutralization Test Kit	Positive	26	2
	Negative	0	38
	Positive Percent Agreement	100% (95% CI 87.1 - 100.0%)	
	Negative Percent Agreement	95.0% (95% CI 83.5 - 98.6%)	

A direct comparison between the gold standard Plaque Reduction Neutralization Test (PRNT) and the SARS-CoV-2 Surrogate Virus Neutralization Test (sVNT). A study of 66 (26 positive and 40 negative) samples showed excellent correlation of results between the sVNT kit and PRNT.



## VARIANTS OF CONCERN

				 <b>NEW</b>
<i>Alpha</i>	<i>Beta</i>	<i>Gamma</i>	<i>Delta</i>	<i>Omicron</i>
<i>B.1.1.7</i>	<i>B.1.351</i>	<i>P.1</i>	<i>B.1.617.2</i>	<i>B.1.1.529</i>
				
<b>Mutation site</b>	<b>Mutation site</b>	<b>Mutation site</b>	<b>Mutation site</b>	<b>Mutation site</b>
N501Y	E484K+K417N+N501Y	E484K+K417T+N501Y	L452R+T478K	G339D, S371L, S373P, S375F, K417N, N440K, G445S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H, T547K
<b>Cat. No.</b>	<b>Cat. No.</b>	<b>Cat. No.</b>	<b>Cat. No.</b>	<b>Cat. No.</b>
Z03595	Z03596	Z03601	Z03614	Z03730