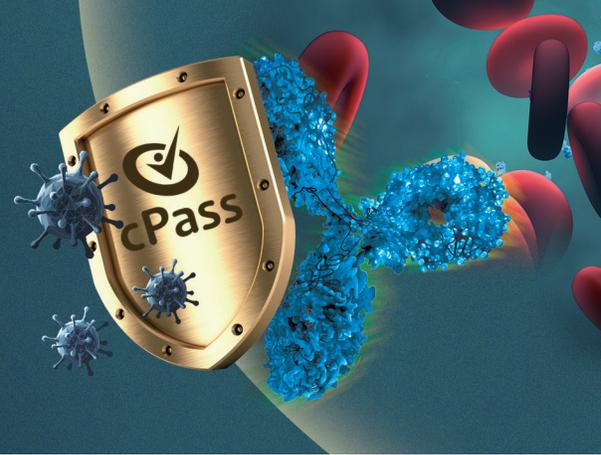


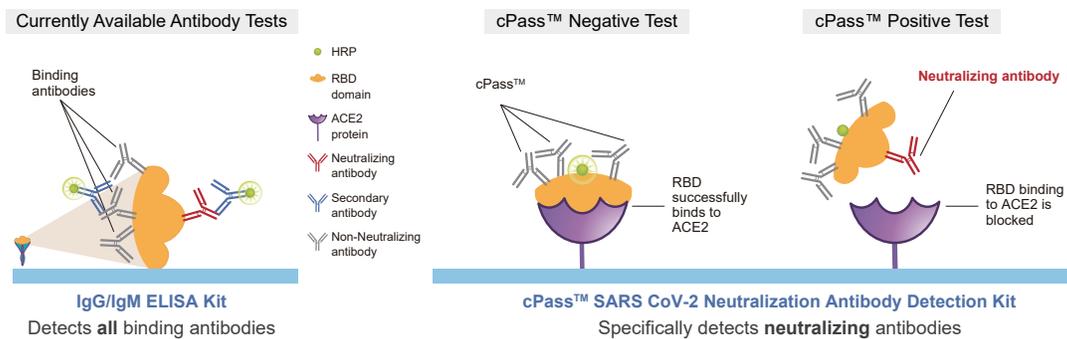
Detect COVID-19 Neutralizing Antibodies in 1 hour!

cPass™ SARS CoV-2 Neutralization Antibody Test

FDA EUA authorized



Studies have shown that NAbs play an important role in the development of immunity to a disease and are important considerations in vaccine development efforts¹. There is still much to learn about the NAbs that result from SARS-CoV-2 infection. The cPass™ SARS CoV-2 Neutralization Antibody Test is an extremely useful, first-of-its-kind research assay that facilitates the specific detection of NAbs in a sample².



Clinical Utility

For qualitative testing of human serum and plasma for the presence of neutralizing antibodies to SARS-CoV-2 virus.

Target Applications



Detection of SARS-CoV-2 neutralizing (virus blocking) antibodies in the serum from **recovering COVID-19 patients**



Detection of SARS-CoV-2 neutralizing (virus blocking) antibodies in the serum from **vaccinated patients**

References:

1. VanBlargan LA, Goo L, Pierson TC. Deconstructing the Antiviral Neutralizing-Antibody Response: Implications for Vaccine Development and Immunity. *Microbiol. Mol. Biol. Rev.* (2016).
2. Tan CW, Chia WN, Qin X, et al. A SARS-CoV-2 surrogate virus neutralization test based on antibody-mediated blockage of ACE2–spike protein–protein interaction. *Nat. Biotechnol.* (2020).

Clinical Performance

Clinical Agreement using PRNT₅₀ titers as the comparator method

		Plaque Reduction Neutralization Test (PRNT ₅₀)	
		Positive (n=26)	Negative (n=88)
GenScript cPass™ SARS-CoV-2 Neutralization Antibody Detection Kit	Positive	26	0
	Negative	0	88
	Positive Percent Agreement	100% (95% CI 87.1 - 100.0%)	
	Negative Percent Agreement	100% (95% CI 95.8 - 100%)	

Clinical Agreement using PRNT₉₀ titers as the comparator method

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cPass™ SARS-Cov-2 Neutralization Antibody Test

Format	ELISA
Test/Kit	96 Wells/Plate
Sample Type	Serum/Plasma
Protocol Time	1 Hour