

VERI-Q SARS-CoV-2

CE

Neutralizing Antibody Detection **ELISA Kit**



Model Name: **eCoV-CN**

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

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Application areas to detect the SARS-CoV-2 neutralizing antibodies



Recovering COVID-19 Patients



Vaccinated People

Clinical Performance

Clinical Agreement using Predicate ELISA kit test Result

1) Positive Agreement

Days post symptom onset	n	VERI-Q SARS-CoV-2 Neutralizing Antibody Detection ELISA kit			
		Positive	Negative	Positive % Agreement to Predicate ELISA kit	95% Confidence Interval
≤7	3	2	1	2/3 (66.6 %)	20.8 – 91.9 %
8-14	15	15	0	15/15 (100 %)	79.6 – 100 %
≥15	27	27	0	27/27 (100 %)	87.5 – 100 %
Total	45	44	1	44/45 (97.8 %)	88.4 – 99.6 %

2) Negative Agreement

n	VERI-Q SARS-CoV-2 Neutralizing Antibody Detection ELISA kit			
	Positive	Negative	Negative % Agreement to Predicate ELISA kit	95% Confidence Interval
183	0	183	183/183 (100%)	97.9 -100.0 %

3) Clinical agreement validation

VERI-Q SARS-CoV-2 Neutralizing Antibody Detection ELISA kit	Predicate ELISA kit ¹⁾	
	Positive(n=45)	Negative (n=183)
Positive	44	0
Negative	1	183
Total	45	183
Clinical Sensitivity(PPA)	97.8%(95 C.I. 88.4 -99.6%)	
Clinical Specificity (NPA)	100% (95 C.I. 97.9%-100 %)	

1) Predicate ELISA kit : Genscript cPass™ SARS-CoV-2 Neutralization Antibody Detection Kit

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