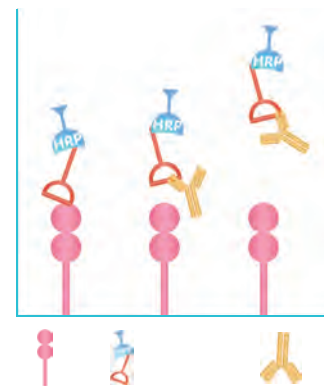


Anti-SARS-CoV-2 Neutralizing Antibody Titer Serologic Assay Kit

- ✓ CE certified Sensitive Specific Cost-effective
- ✓ High correlation with FDA EUA approved ELISA kit
- ✓ Suitable for vaccine efficacy evaluation and diagnostics

Product information

Product	Anti-SARS-CoV-2 Neutralizing Antibody Titer Serologic Assay Kit
Cat.No.	TAS-K022
Assay Principle	Competitive ELISA
Assay Type	Semiquantitative
Process Time	2 Hours
Application	NAb screening, vaccine efficacy and diagnostics



ACE2 HRP-RBD Neutralizing antibody

[Find out more](#)

Assay Data

High sensitivity

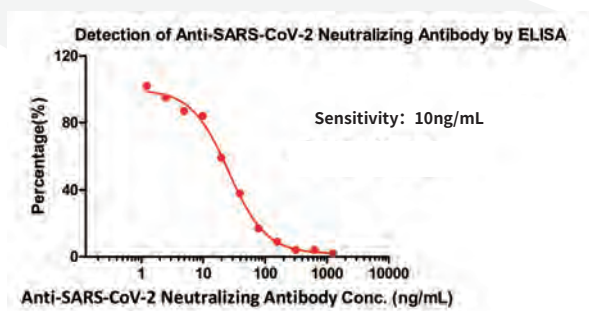


Fig.1 Inhibition of Human ACE2: SARS-CoV-2 Spike RBD (HRP) binding by Anti-SARS-CoV-2 Neutralizing Antibody measured by competitive ELISA Assay. The sensitivity is 10 ng/mL.

High stability

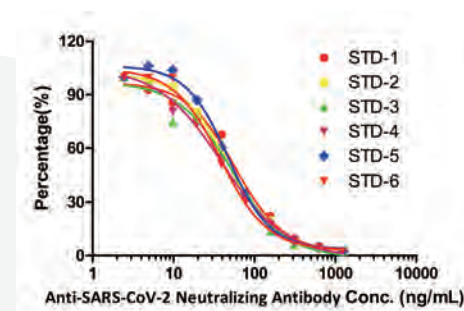


Fig.2 Lot-to-lot consistency of Anti-SARS-CoV-2 Neutralizing Antibody Titer Serologic Assay Kit

■ High specificity verified by detecting serum of 14 days after the vaccination

Table 1. Results of verification study by detecting serum of 14 days after the vaccination

Samples	Sample type	Positive	Negative	Performance
N=10	Positive samples	10	0	100% Sensitivity
N=70	Negative samples	1	69	98.5% Specificity

■ Correlation of TAS-K022 and FDA EUA approved ELISA kit

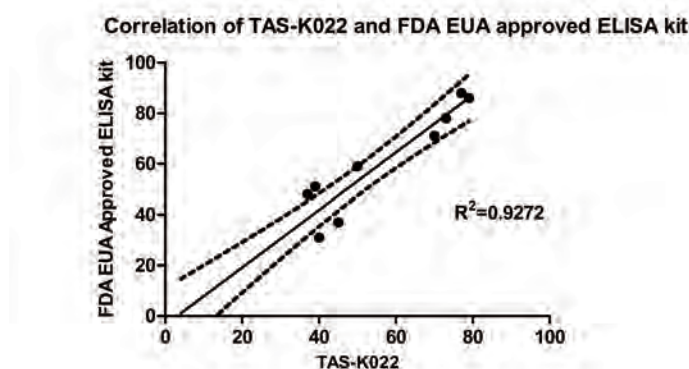


Fig.3 Correlation of TAS-K022 and FDA EUA approved ELISA kit (detecting the serum of 14 days after the vaccination)

Inquiry and Order

Email: order@acrobiosystems.com

Tel: North America: [+1 800-810-0816](tel:+18008100816)

Asia & Pacific: [+86 400-682-2521](tel:+864006822521)



Scan the QR for more information

Raw materials for neutralizing antibody assay are available!

Molecule	Cat.No.	Product description
ACE2	AC2-H5255	Human ACE2 / ACEH Protein, Fc Tag (MALS verified)
	AC2-H82E7	Biotinylated Human ACE2 / ACEH Protein, His,Avitag™ (MALS verified)
S protein RBD	SPD-C5251	SARS-CoV-2 (COVID-19) S protein RBD, Mouse IgG2a Fc Tag
	SPD-C5255	SARS-CoV-2 (COVID-19) S protein RBD, Fc Tag (MALS verified)
	SPD-C52M5	SARS-CoV-2 S protein RBD trimer, His Tag (MALS verified)
Neutralizing antibody	SPD-M180	Anti-SARS-CoV-2 RBD Potent Neutralizing Antibody, Human IgG1 (AM180)
	SPD-M128	Anti-SARS-CoV-2 RBD Potent Neutralizing Antibody, Chimeric mAb, Human IgG1 (AM128)
	S1N-M12A1	Anti-SARS-CoV-2 Spike RBD Neutralizing Antibody, Chimeric mAb, Human IgG1 (AM122) (Trehalose free)