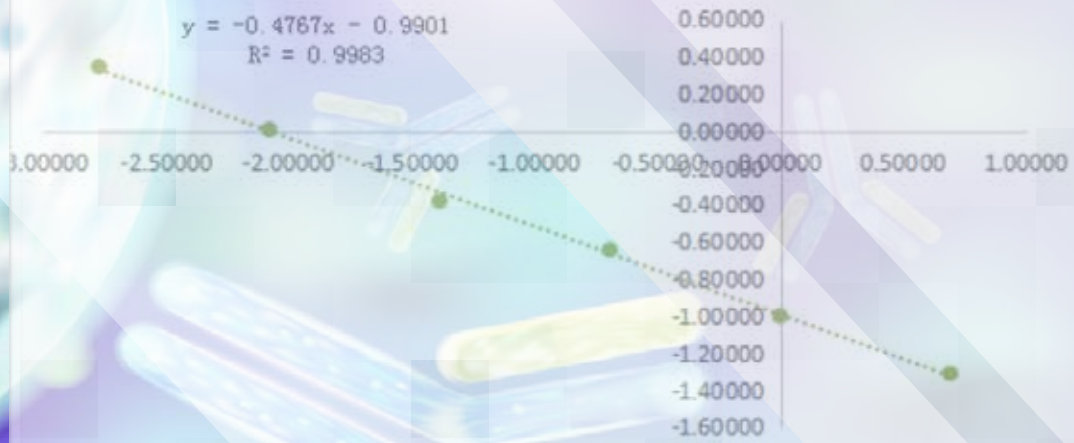


NEUTRALIZATION: Quantitative ELISA for NAbS to SARS-CoV-2



For monitoring antibody level after vaccination



WANTAI

Leading infectious diseases diagnostic test manufacturer

Your Global Partner in IVD

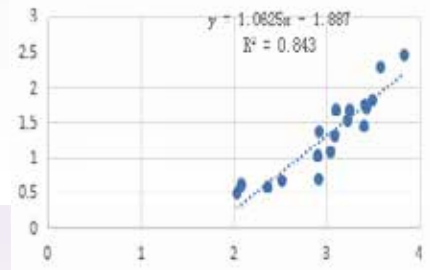


Test Performances:

Correlation between Wantai NAbS ELISA and pseudovirus microneutralization test on samples from vaccinated individuals



Pseudovirus microneutralization test	Neutralizing antibodies (ELISA)	
	Positive	Negative
Positive	42	0
Negative	1	274
Total	42	275
Sensitivity	100%	/
Specificity	/	99.60%



Principle and Procedures



- Microwell strips pre-coated with SARS-CoV-2 spike protein

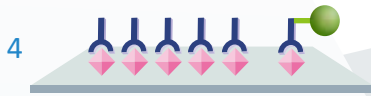


- Add 100ul of specimen and standard
Incubation at 37°C for 60 min

- SARS-CoV-2 spike protein
- SARS-CoV-2 Neutralizing antibodies
- HRP-S-RBD Neutralizing antibody

3

5 Wash cycles



- Add 100ul of HRP-Conjugate
Incubation at 37°C for 30 min

5

5 Wash cycles



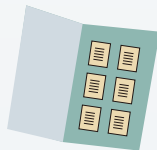
- Add 50ul of Chromogen Solution A
Add 50ul of Chromogen Solution B
Incubation at 37°C for 15 min

7



- Add 50ul of Stop Solution

8



- Read by single wavelength 450nm
Double or dual wavelength
450/600~650nm

Ordering Info

Cat.	Product	Detection	Specimen	Pack size
WS-1596	SARS-CoV-2 NAbs ELISA	NAbs	Serum/Plasma	96T/kit