

# SARS-CoV-2

## IgM/IgG Antibody Detection

Coronavirus disease 2019 (COVID-19) is an infectious disease caused by severe acute respiratory syndrome

coronavirus 2 (SARS coronavirus 2 or SARS-CoV-2), a virus closely related to the SARS virus.

### Product Information

Name	Components	Specifications			
		10 test	25 test	50 test	100 test
1. Test card	the test card consists of plastic card and strip of paper. The strip is composed of NC membrane (the detection area is coated with mouse anti-human IgG and mouse anti-human IgM antibodies, and the control area is coated with rabbit anti-chicken IgY), combination pad (sprayed with colloidal gold labeling recombinant novel coronavirus antigen and chicken IgY), sample pad, absorbent pad and PVC soleplate	10	25	50	100
2. Buffer	450ul each, buffer containing phosphate (ph6.5-8.0)	450ul/ tube × 10	450ul/ tube × 25	450ul/ tube × 50	450ul/ tube × 100
3. Desiccant	a bag containing silica	1 bag	1 bag	1 bag	1 bag

### Product performance

Clinical diagnosis	negative	Clinical diagnosis	infection time	IgM	IgG	positive
Negative cases	total Yin Yang	coincidencerate		Positive cases Positive	compliance rate Positive	compliance rate total compliance rate
25	25	58	4-10days	49	19	49
				84.48%	32.76%	84.48%
	100.0%	45	11-24 days	44	42	44
				97.78%	93.33%	97.78%

Positive compliance rate: 90.29%; Negative compliance rate: 100%; Total yin-yang coincidence rate: 92.18%

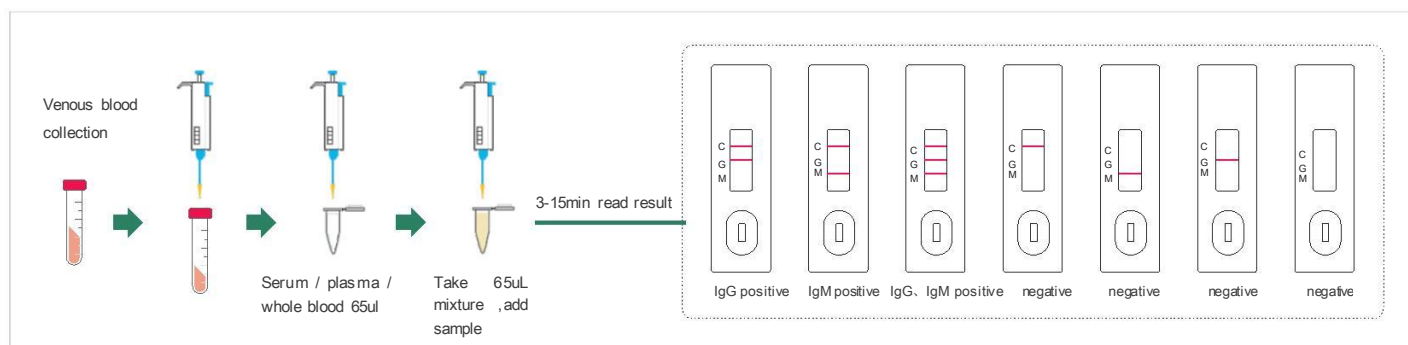
### Advantage

- High sensitivity and specificity
- Easy operation, 3-15 minutes to produce results
- Direct observation without instruments

### Performance

128 clinical samples were tested, including blood samples of 25 normal people and 103 confirmed patients. Our assay kit detected 25 cases with negative results, with a negative coincidence rate of 100%; 93 cases with positive results, with a positive coincidence rate of 90.29%. Compared with the comparison kit, the total positive coincidence rate of our company is 90.29%, and the negative coincidence rate is 100%. So our assay kit has good performance and meets the requirements of clinical preliminary screening

### Detection method



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