



## **SARS-CoV-2 Antibody Test Strip**

### **[Colloidal Gold Method]**

**Rapid, accurate and simple point-of-care IgG-IgM combined antibody test kit**, using colloidal gold immunochromatography assay, which can qualitatively detect IgM and IgG antibodies simultaneously against SARS-CoV-2 virus in human blood **within 15 to 20 minutes.**

# Rapid detection & simple operation

The novel virus, now known as SARS-CoV-2 (also known as COVID-19 or 2019-nCoV), is an RNA virus of the beta coronavirus family. An IgG-IgM combined antibody test is suitable for rapid diagnosis and screening of a large amount of suspected patients and asymptomatic carriers to prevent secondary transmission and assure timely treatment of infections.

Method	RT-PCR	IgG-IgM antibody test
Specimen	Swab	Whole blood /Serum/Plasma
Test time	Over 2-3 hours	Within 15-20 minutes
Operation	Professional	Simple
Detection condition	Specific equipment required	Point-of-care
Precision	About 50% false negative	IgM-IgG test 90%

# Accurate results

## 1 Clinical Evaluation

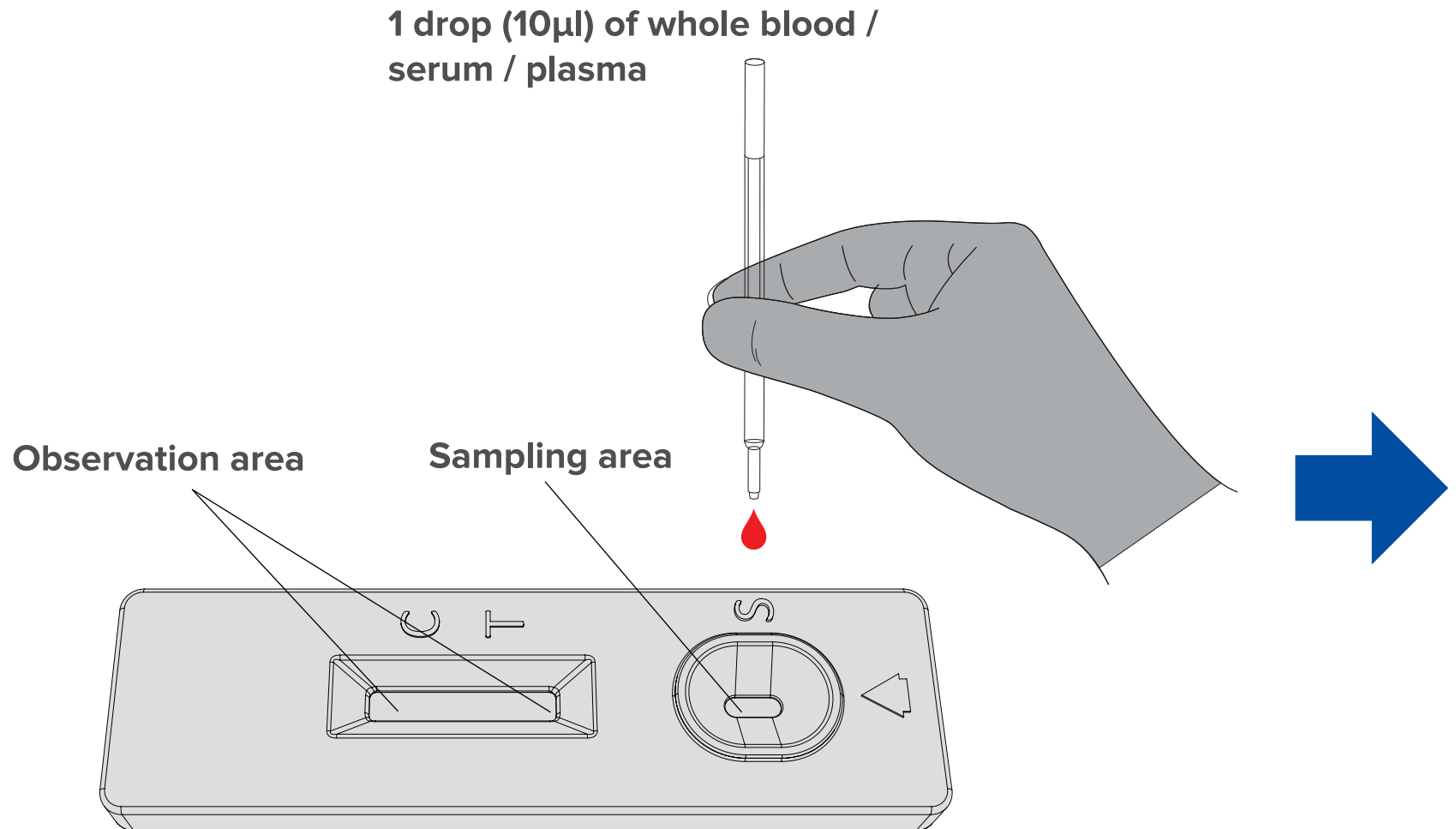
Total test on 140 subjects, including 60 excluded patients, 60 confirmed patients and 20 cured patients.

Sample type	Sensitivity	Specificity
Serum / Plasma	96.3%	98.3%
Whole blood	95.0%	98.3%

## 2 Precision

	Repeatability	Intermediate Precision
Negative reference coincidence rate (–/–)	100%	100%
Positive reference coincidence rate (+/+)	100%	100%

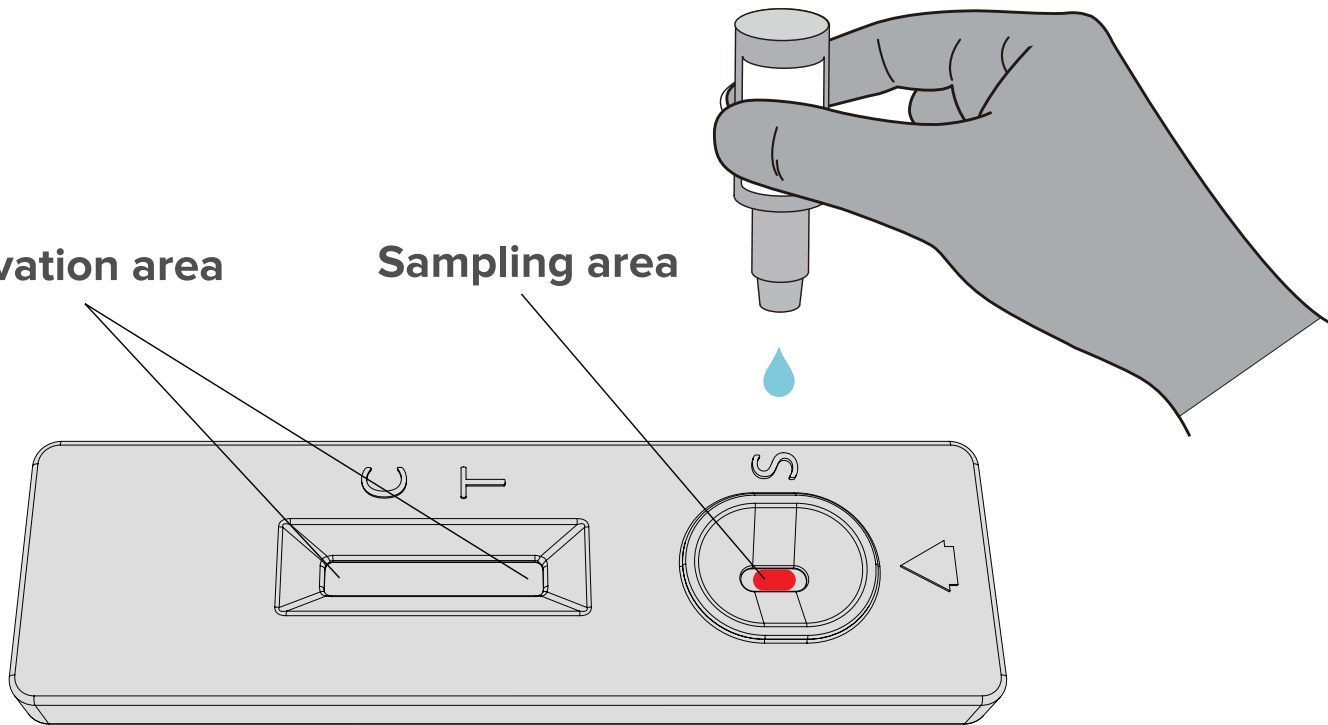
# Convenient procedure & visual result

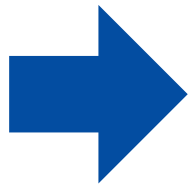


2-3 drops diluent

Observation area

Sampling area



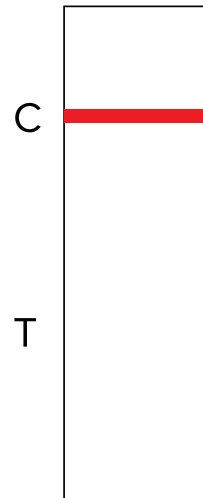


**Control zone(C)**

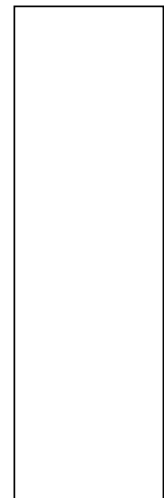
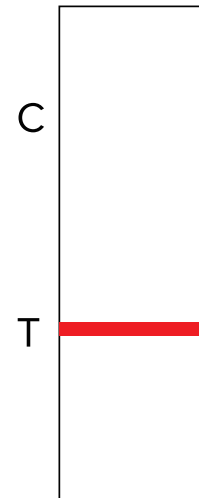
**Test zone(T)**



**Positive**



**Negative**



**Invalid**

# Specifications



<b>Product</b>	<b>SARS-CoV-2 Antibody Test Strip (Colloidal Gold Method)</b>
<b>Specimen</b>	<b>Whole blood / Serum / Plasma</b>
<b>Sample volume</b>	<b>1 drops (10µl) of whole blood / serum / plasma</b>
<b>Test time</b>	<b>15 to 20 minutes</b>
<b>Package</b>	<b>25 strips/box; 5 strips/box</b>
<b>Storage condition</b>	<b>Store at 4°C ~ 30°C in the foil pouch, keep away from direct sunlight, moisture and heat. Do not freeze.</b>