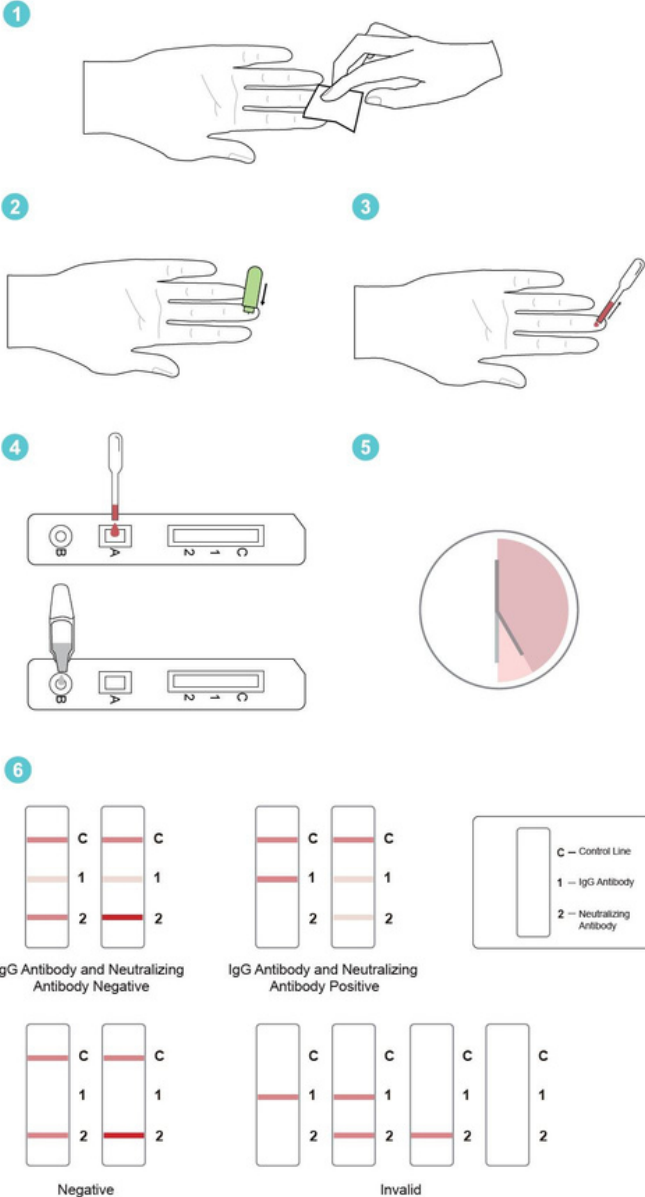


# TEST PROCEDURE

Please refer to Instructions for Use for complete procedure



## CONTACT US

JOYSBIO (Tianjin) Biotechnology CO., LTD.

Headquarters: Tianjin International Joint Academy of  
Biotechnology & Medicine 9th floor, No.220,  
Dongting Road, TEDA 300457 Tianjin China

Website: <https://en.joysbio.com/>

Email: [bd@joysbio.com](mailto:bd@joysbio.com)

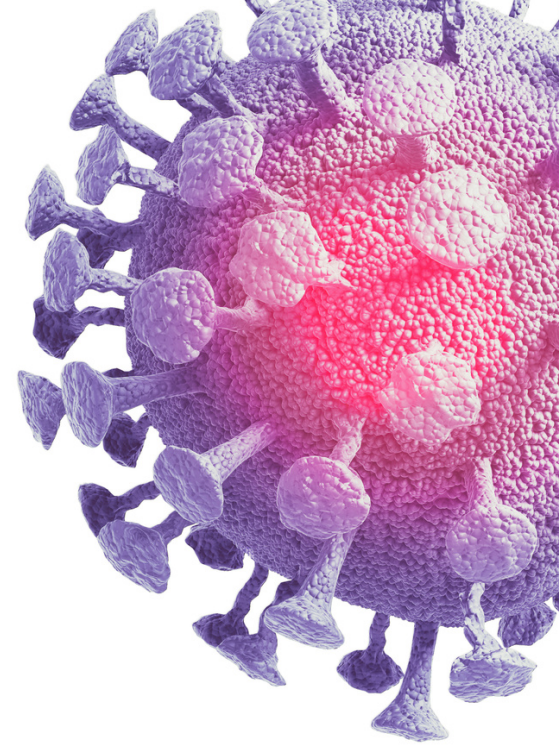
Tel: +86-130-7204-9899 (ENGLISH)

+86-22-5851-5062 (中文)

WhatsApp: +86-130-7204-9899

## ORDER INFORMATION

JOYSBIO SARS-CoV-2 IgG/Neutralizing Antibody  
Rapid Test Kit (Colloidal Gold)  
CATALOG NUMBER: COV-NAB-20/G10402



## SARS-CoV-2 IgG/Neutralizing Antibody Rapid Test Kit

fingertip blood test for rapid  
immunity status verification

JOYSBIO (Tianjin) Biotechnology CO., LTD.

Website: <https://en.joysbio.com/>

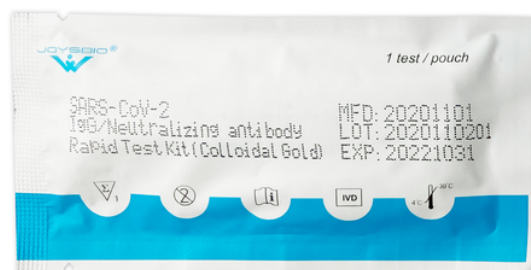


## INTENDED USE

For in vitro qualitative detection of human **IgG antibodies** against SARS-CoV-2 and **neutralizing antibodies** that block the interaction between the receptor-binding domain of the viral spike glycoprotein (RBD) with the ACE2 cell surface receptor in serum, plasma, and whole blood. A neutralizing antibody (NAb) is an antibody that defends a cell from a pathogen or infectious particle by neutralizing any effect it has biologically, so the detection of NAb can be used to evaluate immunity status after infection or vaccination. The product may be used in any laboratory and non-laboratory environment that meets the requirements specified in the Instructions for Use and local regulation.

## HIGHLIGHT

- High-performance proved by an independent clinical study with subjects who received Pfizer-BioNTech vaccine
- Rapid detection of SARS-COV-2 IgG and neutralizing antibody in less than 30 minutes
- Innovative surrogate neutralizing antibody assay for an accurate evaluation of immunity status
- Cost-effective solution for large-scale testing



## PRODUCT INFO

### PERFORMANCE\*:

Evaluated with Pfizer-BioNTech COVID-19 mRNA vaccine recipients

- **SENSITIVITY:** 92.47%
- **SPECIFICITY:** 99.68%
- **ACCURACY:** 98.05%
- **CLINICAL STUDY DATE & LOCATION:** Feb - Mar 2021, Italy and China

### SPECIFICATION:

- **TEST TIME:** 25-30 MINUTES
- **STORAGE CONDITION:** 2°C-30°C
- **CE MARK**
- **SAMPLE TYPE:** Serum/Plasma/Whole Blood
- **SHELF LIFE:** 24 months

### KIT CONTENTS:

- 20x Test Devices
- 20x Buffer Bottle
- 20x Dropper
- 20x Alcohol Pad
- 20x Safety Lancet
- 1x Instructions for Use



\*Sensitivity data was studied in comparison with US FDA EUA approved surrogate COVID-19 NAb ELISA test kit.