

SARS-CoV-2 Antibody Immunoassay Kit (GICA)

【Product Name】

SARS-CoV-2 Antibody Immunoassay Kit (GICA)

Catalog Number: XG200H1

Package Size:50T

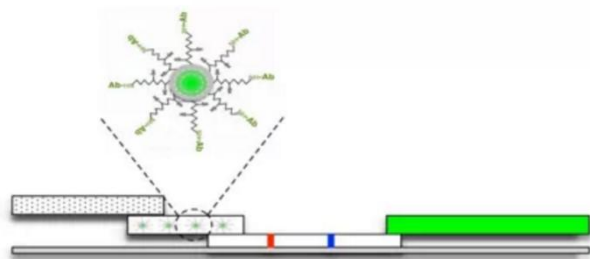
【Intended use】

The SARS-CoV-2 Antibody Immunoassay Kit (GICA) is used for the qualitatively determination of novel coronavirus (SARS-CoV-2) antibodies in human blood samples (plasma, serum) in vitro.

It is suitable for the rapid screening of SARS-CoV-2 virus antibodies for patients, employees, students and residents in medical institutions at all levels, which can realize rapid and accurate serological test.

【Principle】

This kit uses the principle of colloidal gold labeling technology, immunochromatographic technology and double antigen sandwich method, the binding pad is fixed with labeled colloidal gold SARS-CoV-2 antigen I, and the analysis membrane is coated with SARS-CoV-2 antigen II. During the test, if the sample contains SARS-CoV-2 virus antibody (including IgM and IgG), the virus antibody first binds to the colloidal gold-labeled antigen I in the binding pad, and then combines with the coated antigen II in analysis membrane to form a "colloidal gold-labeled antigen I- SARS-CoV-2 virus antibody-antigen II" in T-line and the "colloidal gold-labeled antigen I" that has not captured the virus in the binding pad will flow through the T-band and bind to the coated antibody in C-line. Test results are determined by reagent card color reaction.



【Kit components】

Size	Reagents	Quantity
50T	Immunoassay card	50pieces
	Sample dilution buffer	30mL

【Storage conditions】

- The kit remains stable for 12 months if stored at 4-30 °C. Please store the Sample dilution buffer at 2-8 °C after opening.
- The unpacked Immunoassay card should be used as soon as possible.

【Sample requirements】

- Sample type

The kit is applicable for human plasma and serum.

- Sample collection and processing

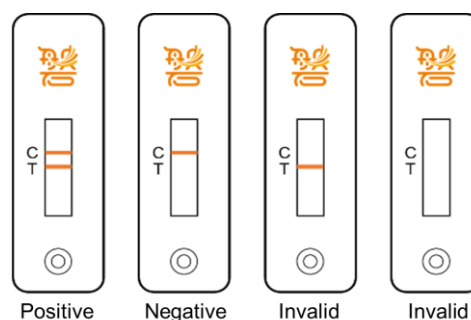
a) Plasma/serum collection: Serum/plasma samples are used right way or

stored at 2-8 °C for less than one week, or kept at -20 °C for no more than 1 month, and avoid repeated freeze-thaw cycles.

【Protocol】

- Before testing, the sample, immunoassay card and sample dilution buffer must be equilibrated to room temperature (20-30 °C) .
- Mix 30μl of the plasma/serum sample with 70μl of sample dilution buffer. (The samples should be tested as soon as possible after processing)
- Load 100μl of the diluted sample to the sample well of the immunoassay card;
- After 15 minutes, test results were judged by the color reaction of the immunoassay card.

【Data analysis】



This result is for reference only, and the diagnosis result of the patient needs to be judged in conjunction with the clinical diagnosis.

【Limitations of the method】

- Results beyond the measurement range of the kit are unreliable.
- Severe hemolysis, chyle, and bilirubin samples can cause abnormal test results.

【Caution】

- This reagent is intended for in vitro diagnostic use only.
- Leakage and moisture absorption of the vacuum packaged immunoassay card may cause abnormal test results.
- Reagents of different batches and varieties must not be mixed.
- Please store and use reagents reasonably in strict accordance with the instructions.
- Avoid direct sunlight.
- Testing must comply with the requirements of the Biosafety Code and strictly prevent cross-infection.
- All samples, washing liquids and various wastes should be treated as potentially hazardous substances.

【If You have Problems, please contact:】

Phone: (+86) 010 84294548

Email: info@anygo-pet.com

Web: <http://www.anygo-pet.com/>