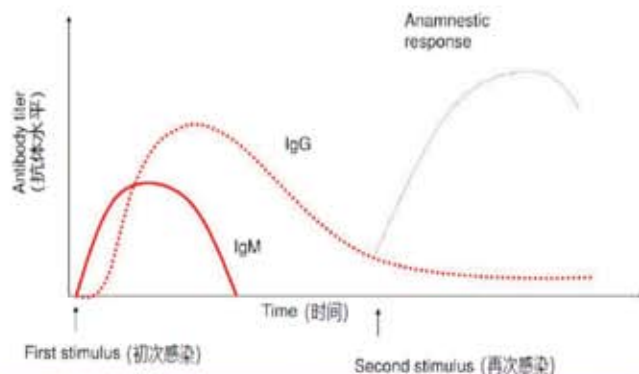




Biotime SARS-CoV-2 Solution

Immunoglobulin M (IgM), which is found mainly in the blood and lymph fluid, is the first antibody to appear in the response to initial exposure to a new infection. IgM is with high specificity and high sensitivity to 2019-Novel Coronavirus(SARS-CoV-2), which has significant value in early detecting 2019-Novel Coronavirus(SARS-CoV-2). Immunoglobulin G (IgG), the most abundant type of antibody, is found in blood and protects against viral and bacterial infections. IgG appears later than IgM when infected with SARS-CoV-2, but it can persist in the blood for several months, so positive IgG may indicate patients were ever infected with virus.

IgM – IgG sequential response



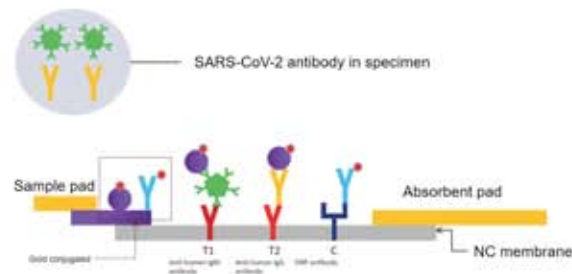
Symptoms of people with SARS-CoV-2

Illness can range from people with mild symptoms to people being severely ill and dying. Symptoms can include:

- Fever

• Principle

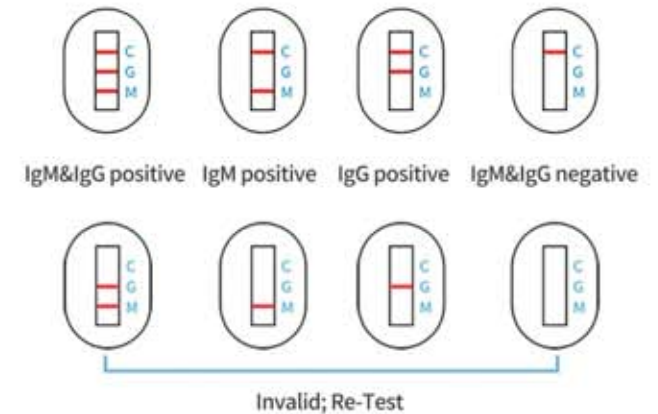
Incorporate both immunoassay techniques and chromatography principles by fixing highly specific antibodies and antigens onto a nitrocellulose membrane, colloidal gold nano-particles are used to determine the presence of antibodies and antigens.



• Test Procedures

- ① Mark the sample number on cartridge
- ② Take serum, plasma or whole blood 10uL and load it into sample well of cartridge
- ③ Drop 2 drops of buffer
- ④ Wait 15 minutes

• Interpretation of Test Result



• Product features

1. Single-piece packing to avoid cross infection
2. High specificity and sensitivity
3. Test results within 10 minutes
5. Serum, plasma and whole blood available
6. No instrument, suitable for field screening
7. Can be used in the biological safety cabinet for highly decreasing the risk of infection for operator

Zybio Inc.

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