2019-nCoV IgM/IgG Antibody Detection kits

Features
- Accurate: Test on IgM/IgG simultaneously, high specificity and sensitivity
- Fast: The whole test complete in 2-10 minutes
- Simple: Test result is direct and clear
- Convenient: No special equipment needed

Procedures
- Take out the reagent, buffer and the samples, wait until they reach room temperature (18–25°C)
- Open the packing bag of the reagent and place it on a flat surface
- Use blood sample to collect blood samples or papain to draw 20μl. blood sample, drip the sample into the sample adding hole on the reagent board then add 100μl. buffer into the sample adding hole
- Wait 15 minutes for test results

The results of interpretation

- Negative
- Positive
- Weak positive
- Inconclusive

Note: The color of Control and Test Strip of colloidal carbon reagent board is black.

Applicable Personnel
- Quarantined Person
- Possible exposure Person
- Company Worker/Staff
- Possibly infected people
- Persons with abnormal temperature or flu-like symptoms

Applicable Scenarios
- Hospitals, CDC, communities /clinics, etc.
- Workplace
- Schools returning to operation
- Airport, stations and other public traffic centers
- Family self-check

Background

Primary and secondary immunization should follow the general pattern of antibody production:
IgM: Antibody emerge from early stage (1-7 days after onset), used for early screening.
IgG: Antibody emerge from Mid, later stages, used for Course monitoring for infected person.

The Chinese center for disease control and prevention has successfully isolated the first new coronavirus strain in China.

2019-nCoV has the characteristics of fast transmission, strong infection, acute onset and rapid progression. Patients don't have obvious symptoms at the initial stage of infection, but they are highly contagious. After the patients were infected with the new coronavirus, the immune system started the immune defense reaction. Generally, the IgM antibody was first produced around one week, and then the IgG antibody gradually increased. As a specific immunological diagnostic method, it can effectively verify the infection of 2019-nCoV.