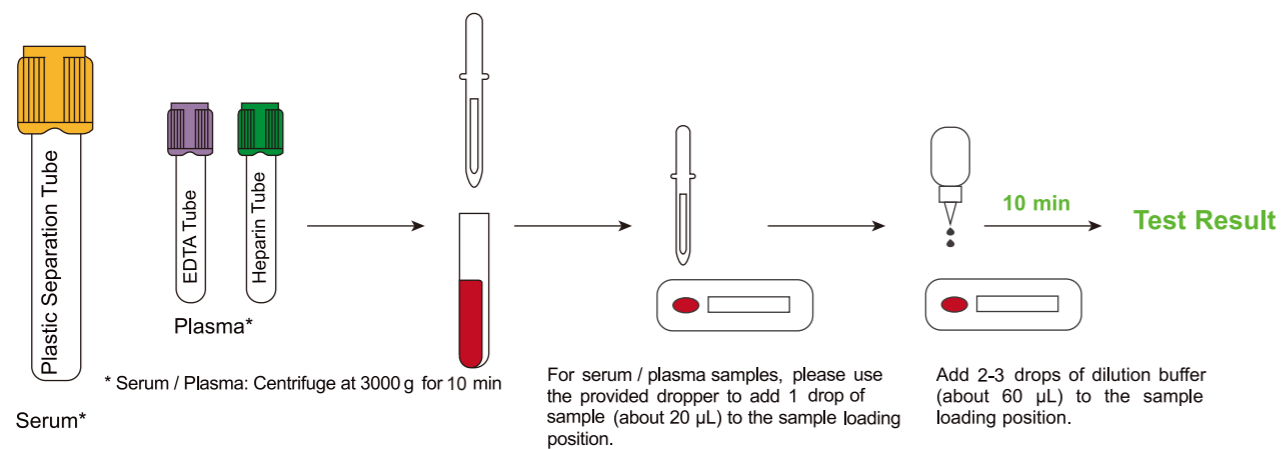


**Product Information**

<b>Product Name</b>	2019-nCoV IgG / IgM Detection Kit (Colloidal Gold-Based)
<b>Size</b>	50 Tests / Kit
<b>Specimen</b>	Serum / Plasma
<b>Required Volume of Specimen</b>	20 $\mu$ l
<b>Storage</b>	4°C - 30°C. Sealed.

## 2019-nCoV IgG / IgM Detection Kit (Colloidal Gold-Based)

Rapid detection within 10 min. No testing equipments required.

**Workflow**


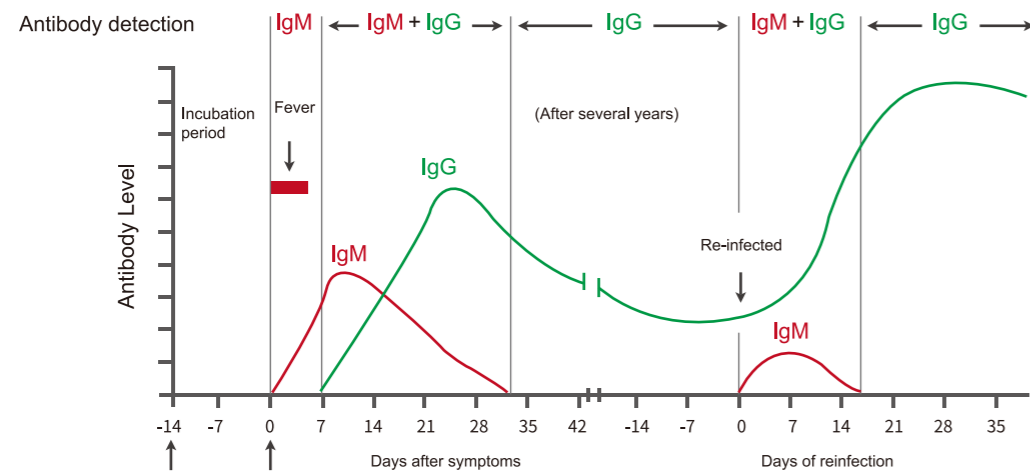
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## IgG and IgM Antibodies

Both IgM and IgG are immunoglobulin which are produced by the immune system to provide protection against the 2019-nCoV. Some patients with negative results in nucleic acid test show positive in IgM test, indicating that the IgG / IgM detection is one of the effective methods for the diagnosis of 2019-nCoV.

The level of IgM antibody begins to rise after 1 week after the initial infection, while the IgG appears later than IgM (usually in 14 days after infection) and can last for 6 months or even several years, which means that the IgG serves as an indicator of previous infection. Suspected patients that are infected by 2019-nCoV can be rapidly identified by simultaneous monitoring of IgM and IgG. During the outbreak period of 2003-SARS and the 2016-Zika, IgM / IgG antibody detection was used as one of the recommended diagnostic methods.



## Advantages of IgG / IgM Detection

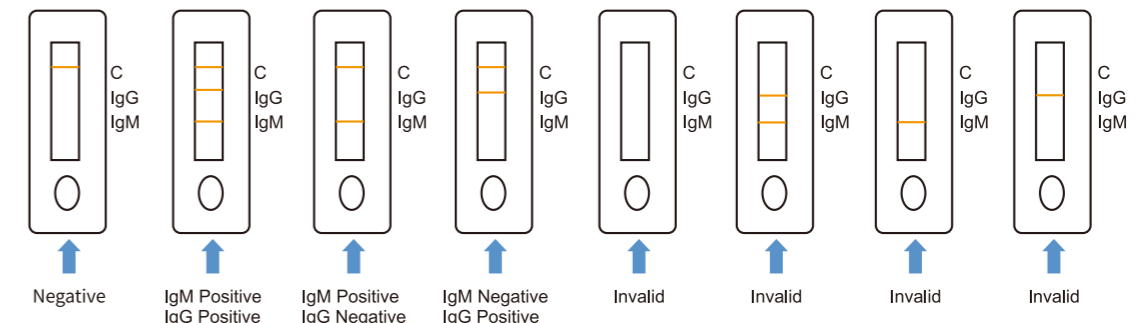
- 01 Indicating both recent infections and previous infections, reducing missed detection rates.
- 02 Low requirements of instruments; suitable for primary hospitals and conventional outpatient clinics.
- 03 Blood testing; low requirements for sampling; no special virus collection tube required.
- 04 Suitable for combined detection with nucleic-acid testing kit to improve the diagnosis rate of suspected patients.

## 2019-nCoV IgG / IgM Detection Kit (Colloidal Gold-Based)

### Product Advantages

- 01 Rapid-screening within 10 minutes.
- 02 High detection efficiency: simultaneous monitoring of IgM and IgG.
- 03 Detection without any testing equipments .
- 04 Easy to operate, and is compatible with serum/plasma.
- 05 Room-temperature storage.

### Interpreting Test Results



Results	Interpreting
IgM positive, IgG positive	Indicates that it may be a recent infection with 2019-nCoV.
IgM positive, IgG negative	Indicates that it may be a recent infection with 2019-nCoV.
IgM negative, IgG positive	Indicates that it may be a previous infection with 2019-nCoV.
IgM negative, IgG negative	Indicates that it may be on infection with 2019-nCoV, or there is not enough detectable antibodies in the early infection.