

COVID-19 Rapid Test

Lateral flow immunoassay for the detection of **IgG and IgM** antibodies of **SARS-CoV-2 Virus (COVID-19)**



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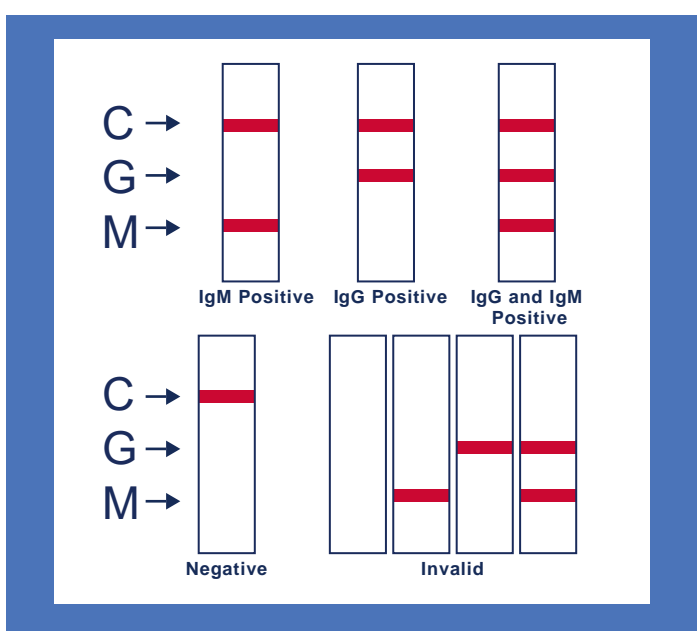
Advantages of antibody testing:

Higher Efficiency: The fast, large-scale batch operation makes a shorter detection time than nucleic acid detection, which is an effective method for large-scale preliminary screening;

Lower cost: Compared with CT scan detection and nucleic acid detection, this production has obvious price advantages;

Lowest risk of infection: Reduce the risk of exposure during the collection of the respiratory samples;

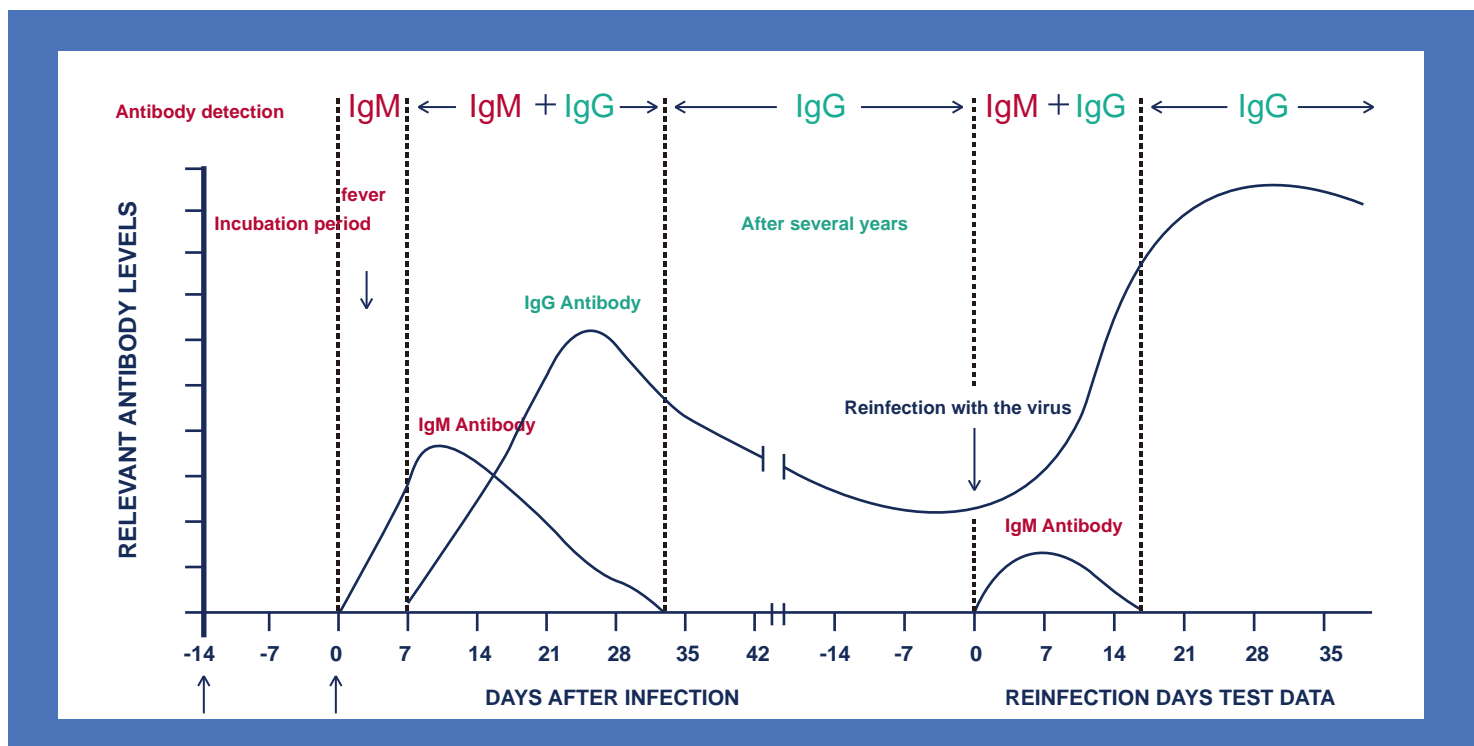
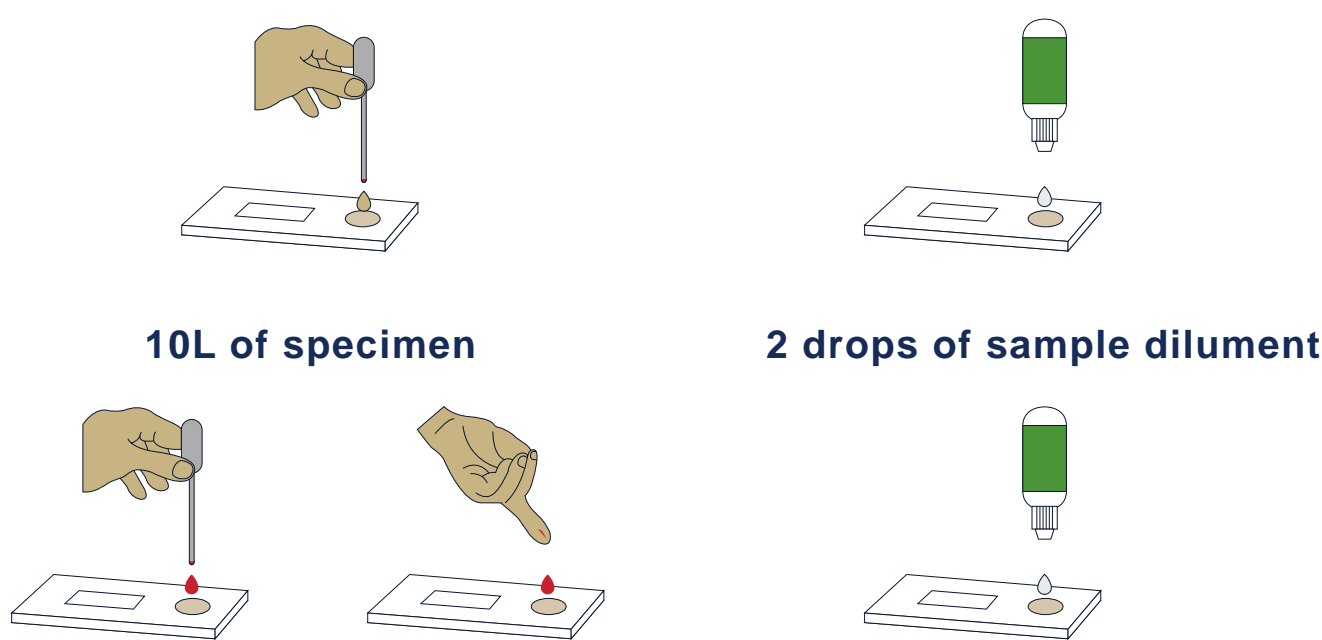
Double tests significantly increase the diagnosis rate: The combined nucleic acid detection may help to further increase the detection rate of new coronavirus infections.



Advantages of combined IgG and IgM detection:

IgM antibody positive can be used as a diagnostic indicator of acute infection; IgG appears later than IgM. A significant increase indicates a recent infection, and a significant decrease indicates that it is in the late stage of infection; Simultaneous determination of IgG and IgM can improve the diagnosis rate.

Test description step by step



Test Data

Comparing 300 samples with similar methodological detection kits, the diagnostic sensitivity of IgM test is 96.3% -97.7%; the diagnostic specificity is 97.6%; the total compliance is 97.0-97.7%. The diagnostic sensitivity of IgG test is 95.8%; diagnostic specificity is 96.2% -96.8%; total compliance is 96.0% -96.3%