

# COVID-19 Antigen Rapid Test Cassette (Swab)

● Designed for qualitative detection of SARS-CoV-2 antigen in swabs

## SARS-CoV-2 Nucleocapsid Protein Detection

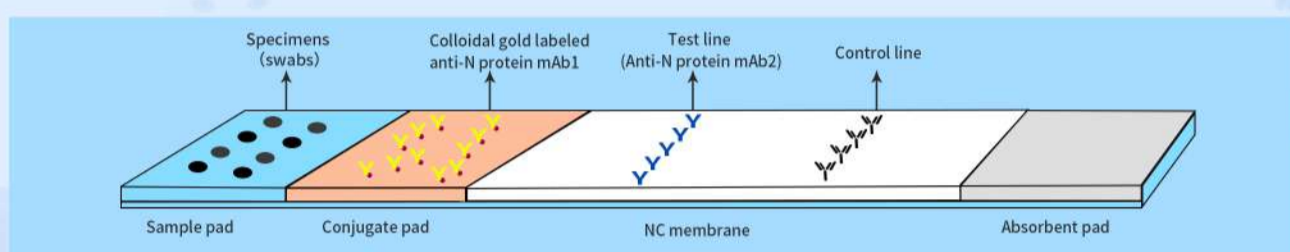
Nucleocapsid (N) protein is the most abundant protein with highly conserved in SARS-CoV-2. N protein is used as the core raw material of rapid diagnostic reagent for immunology in the market.

## COVID-19 Antigen Rapid Test Cassette Developed by Clongene

Clongene has developed the COVID-19 Antigen Rapid Test Cassette. The colloidal gold immunoassay (CGIA) to detect nucleocapsid protein of SARS-CoV-2 is based on the principle of the double antibody-sandwich technique.



### Principle



### Specimens

The detect specimens include nasopharyngeal swab and oropharyngeal swab.

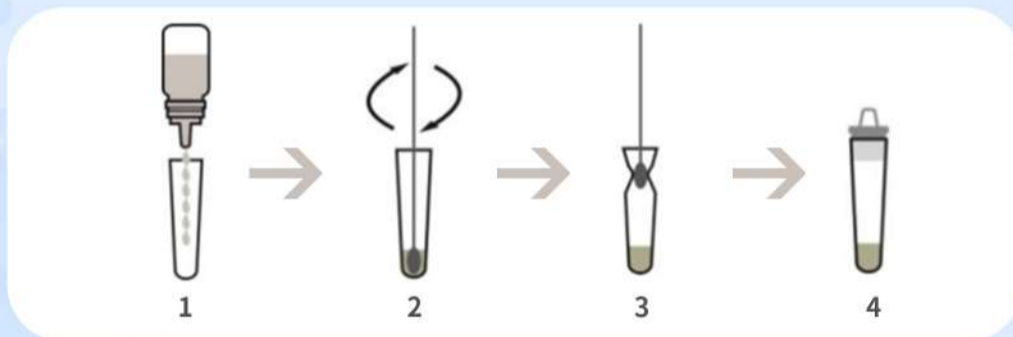
#### Nasopharyngeal Swab



#### Oropharyngeal Swab

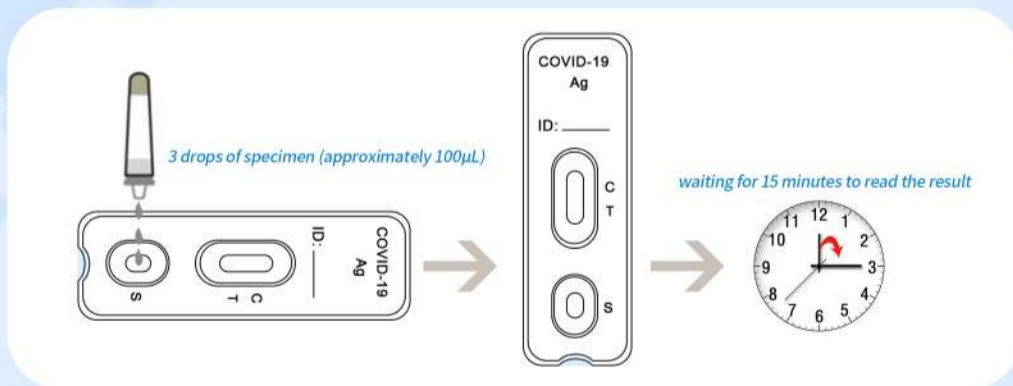


Sample preparation can take according to the operation steps.

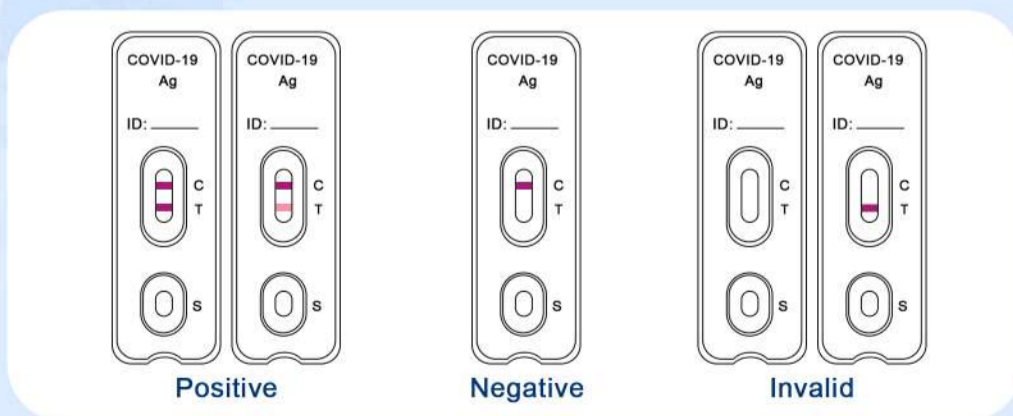


1. Specimen extraction reagent
2. Leave the swab in the reagent tube for one minute.
3. Pinch the extraction tube with fingers.
4. Insert a nozzle.

### Test procedure



### Interpretation of results



The combination of COVID-19 Antigen Rapid Test and COVID-19 IgG/IgM Rapid Test can improve the accuracy of SARS-CoV-2 (COVID-19) detection. Clongene also can provide the COVID-19 IgG/IgM Rapid Test Cassette. Please contact us for more information.