

## Coronavirus Disease 2019 (COVID-19) Epidemic Prevention and Control Strategy

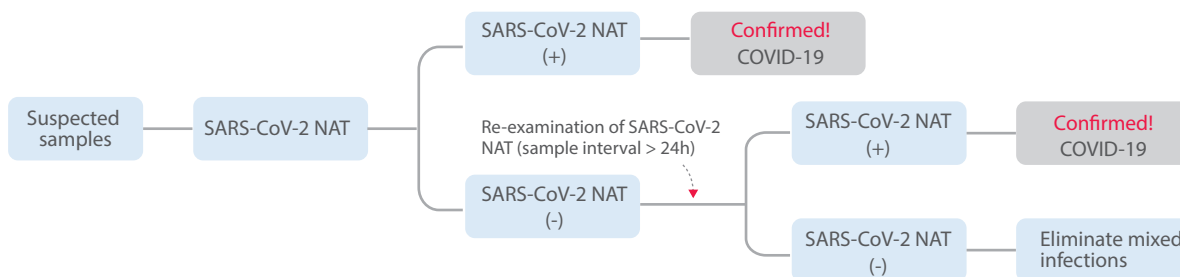
- "Early detection, early quarantine, and early treatment" are effective strategies to control the spread of the epidemic, reduce the infection rate, increase the treatment rate, increase the cure rate, and reduce the mortality rate.
- Real-time fluorescent RT-PCR detection of SARS-CoV-2 nucleic acid test (+) is the basis for the diagnosis of COVID-19, and SARS-CoV-2 nucleic acid test (-) is an important criterion for hospital discharge and quarantine release.
- The simple operation, fast, and high-throughput of SARS-CoV-2 nucleic acid detection technology represents great significance for the rapid screening of high-risk populations on early detection, early diagnosis, and early quarantine. Give full play to the advantages of nucleic acid detection technology to comprehensively help prevent and control the COVID-19 epidemic.
- Accurate and highly sensitive nucleic acid detection technology provides a powerful tool for the diagnosis and treatment of COVID-19.

Reference:

Guidelines for the Diagnosis and Treatment of Novel Coronavirus (2019-nCoV) Infection by the National Health Commission (Trial Version 7)

Guidelines for the Prevention and Control of Novel Coronavirus (2019-nCoV) (6th Edition)

## Flow chart for the diagnosis of suspected COVID-19 cases



## Sansure recommends available solutions

### ① Manual Solution One-Tube/Magnetic Beads Method



#### Program advantage:

Simple operation, no heating, no tube changing needed, simple sample preparation  
Fast and accurate detection, can process 96 samples in one time

### ② Fully Automated Solution One-Tube/Magnetic Beads Method



#### Program advantage:

Samples can be processed in batches to avoid manual errors and exposure risks.  
High-throughput and high-efficiency.  
The Natch CS automatic nucleic acid extraction instrument can process 96 samples in 60 minutes, and the fluorescence quantitative PCR instrument can process 96 samples in 100 minutes.

### ③ Portable Solution One-Tube Technology



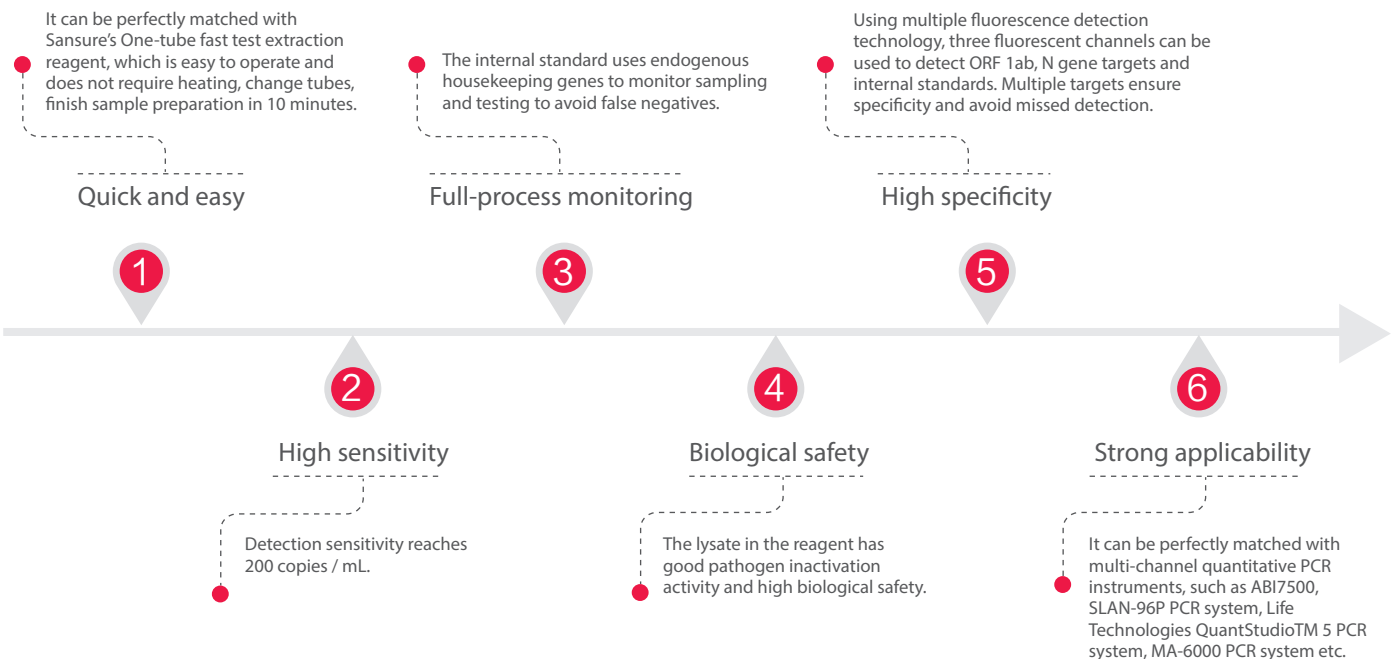
#### Program advantage:

Time-saver: starting from the sample entry, the fastest test results can be read in 30 minutes  
Easy operation: no heating, no manual operation, automatic sample entry  
On-site detection under epidemic: real-time monitoring of COVID-19, rapid monitoring of infected cases

## Product parameters

Name	2019-nCoV nucleic acid detection kit
Technology	One-tube fast test/Mag-beads
Sensitivity	200copies/ml
Lysis	Room temperature lysis
Sample Type	Alveolar lavage fluid, throat swab, sputum
Internal standard system	Endogenous housekeeping gene
Target gene	ORF 1ab and N gene
Packaging specifications	24 samples / box
Registration number	20203400064

## Product features



## Global kit usage

At present, Sansure's 2019-nCov NAT has been supplied to the frontline of epidemic prevention and control in more than 50 countries and regions around the world with corresponding technical support services to help overseas disease outbreak. The daily production capacity of Sansure's 2019-nCov NAT reaches 700,000 copies per day. Reagents have been supplied in National Centers for Disease Control (CDC), multiple local CDC, medical institutions, third-party medical laboratory, blood stations, etc.

## Obtained certificates

CFDA

EU CE

pre-FDA, available for clinical use in the US

WHO PQ (Pre-qualification) FIND recommendation