

# Igenesis COVID-19/FluA/ FluB/RSV Kit

Make molecular diagnostic safer,  
faster, and easier

## Background:

According to the WHO, lower respiratory tract infections are the fourth leading cause of death worldwide, and the incidence of respiratory viral infections in children is much higher than in adults. Multiplex detection of respiratory viruses is beneficial to detect mixed infection with multiple pathogens, unambiguously identify the pathogen causing the infection, improve the appropriateness and timeliness of treatment, and reduce the burden on patients.

Studies have shown that the use of multiplex PCR for respiratory virus detection has increased the diagnostic rate of respiratory viruses by 30-50% compared to direct immunofluorescence and virus culture.



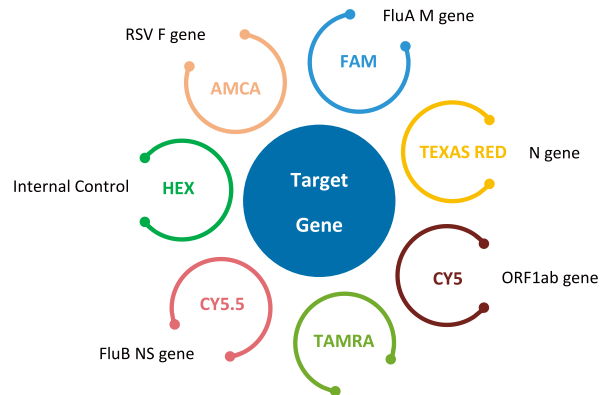
## Parameters

<b>Applicable instruments</b>	Automated Fully Enclosed qPCR Instrument: Galaxy Nano, Galaxy Pro and Galaxy Lite
<b>Sample Type</b>	Oropharyngeal swab / Nasopharyngeal swab / Sputum
<b>Turnaround Time</b>	With in 1.5 hours for extraction, amplification, and result analysis
<b>Test Method</b>	Magnetic beads extraction, purification, and qPCR method
<b>Target</b>	ORF1ab gene ,N gene, influenza A virus M gene, influenza B virus NS gene, respiratory syncytial virus F gene
<b>Storage Condition</b>	2~8°C



## ● Advantages

- ◆ Fully enclosed iCassette
- ◆ Fully automatic, Minimal hands-on time
- ◆ No need for freezer storage or transportation
- ◆ Comprehensive multiplex panels
- ◆ Internal control monitor the entire process



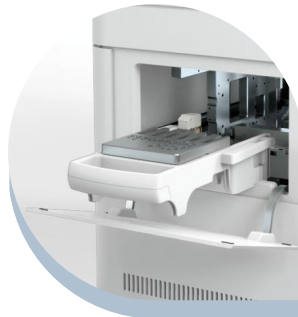
## ● Workflow

### Easy&Fast&Safe



#### Step 1

Add sample to the icassette



#### Step 2

Insert icassette to instrument



#### Step 3

Report result automatically

## Ordering Information

Product	Cat.No.	Specification
SARS-2-CoV(Covid-19)/Influenza A Virus / Influenza B Virus/Respiratory Syncytial Virus Diagnostic Kit	106-0057-01	12 tests/kit
SARS-2-CoV(Covid-19) Virus Diagnostic Kit	106-0050-01	12 tests/kit
Influenza A Virus / Influenza B Virus/Respiratory Syncytial Virus Diagnostic Kit	106-0052-01	12 tests/kit