

Influenza A H1N1(2009) Nucleic Acid Test Kit

Fluorescent Probe-Based Real-Time PCR Assay

The H1N1 influenza virus is a subtype of the influenza A virus, first responsible for the 1918 global pandemic and re-emerging in 2009 as a significant global health concern. It spreads through respiratory droplets, causing typical flu symptoms such as fever, cough, and sore throat. In severe cases, it can lead to complications like pneumonia, particularly posing higher risks to the elderly, children, and immunocompromised individuals

With highly sensitive PCR testing, H1N1 infections can be accurately identified, allowing healthcare institutions to quickly implement isolation and treatment measures, reducing the spread of the virus and protecting vulnerable populations.

Testing Principle

This kit is a one-step reverse transcription polymerase chain reaction (RT-PCR) combined with Taqman fluorescent probe technology for the identification of Influenza A H1N1 (2009) in oropharyngeal swabs, nasopharyngeal swabs and sputum samples.



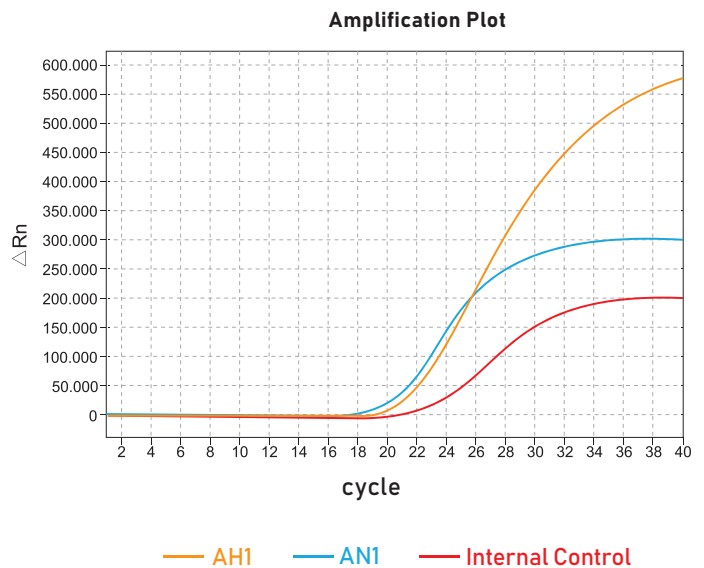
Product Features

- High Sensitivity: The limit of detection of the kit is 1000 copies/mL.
- Lyophilized Format: Provide superior stability and extended shelf life.
- Rapid Diagnosis: Complete the test within 2 hours.
- Convenience: User-friendly, quick to rehydrate, and minimizes contamination.

Recommended Thermal Cyclers

- Applied Biosystems™ 7500 Real-Time PCR System
- Stratagene MX 3000P Real-Time PCR System
- BioRad CFX96 Real-Time PCR System
- Other Real-Time Thermal Cyclers which could detect FAM, HEX/VIC and CY5 simultaneously

Sample Results



Ordering Information

Cat No.	Product Name	Product Form	Shelf Life	Specification	Certification
R26701T2048	Influenza A H1N1(2009) Nucleic Acid Test Kit	Lyophilized	24 Months	48 Tests/Box	CE

