Mospire

CE-IVD

EV71, CA16 and Other Enteroviral Nucleic Acid Test Kit

Fluorescent Probe-Based Real-Time PCR Assay

– Indicators for hand, foot and mouth disease (HFMD)

Enteroviruses that cause HFMD include more than 30 kinds of viruses, such as poliovirus, coxsackie virus, ECHO virus, and new enteroviruses, among which EV71 and CA16 enteroviruses are the most common pathogens, and EV71 infection is the main cause of severe cases and deaths.

The test kit was used in the Phase III clinical trial of the hand, foot and mouth disease vaccine, and validated on a sample of 400,000 subjects.

Test Principle

Multiple fluorescent PCR technology is adopted to simultaneously detect EV71, CA16 and other enteroviruses with different fluorescent probes in a single tube.



Product Features

High Specificity

No cross-reactivity with similar viruses; not affected by common interfering substances.

MS2 Internal Control

Full-process monitoring to minimize false-negative results.

3-in-1 Testing

Detect EV71, CA16, and 36 enterovirus types in a single reaction.

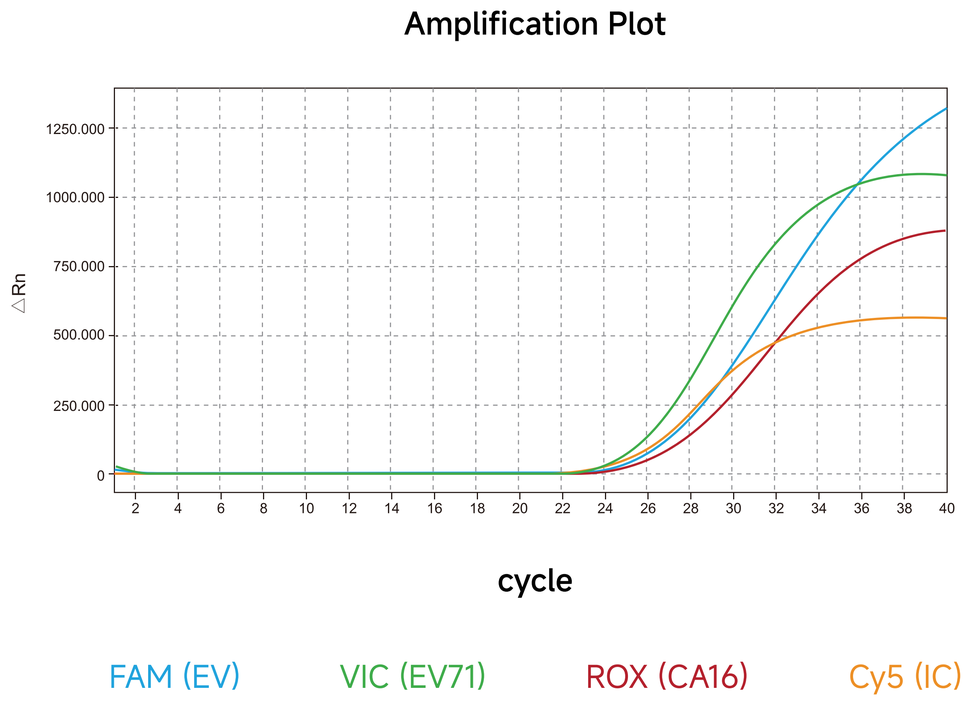
Rapid Diagnosis

From sample to result in only 2 hours.

Recommended Thermal Cyclers

- Applied Biosystems™ 7500 Real-Time PCR System
- Stratagene Mx3000P / Mx3005P Real-Time PCR System
- Bio-Rad CFX96 Real-Time PCR System
- Bioer LineGene 9600 Plus / 9660 / 9680 Real-Time PCR System
- Hongshi SLAN-96 Real-Time PCR System
- TIB-8600 Real-Time PCR System
- Other real-time thermal cyclers equipped with FAM, VIC, ROX, and Cy5 channels for simultaneous detection

Example Result



Ordering Information

Cat. No.	Product Description	Specimen	Format	Shelf Life	Kit Size	Certificates
E011T024B0C1	EV71, CA16 and Other Enteroviral Nucleic Acid Test Kit	Feces / Pharyngeal swabs	Liquid	9 months	24 Tests/Kit	NMPA/CE
E011T048B0C1					48 Tests/Kit	
E011T096B0C1					96 Tests/Kit	

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