

Coxsackie A6/A10 Nucleic Acid Detection Kit (Fluorescence PCR Method)

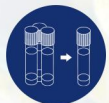
(Fluorescence PCR Method)

Hand, foot, and mouth disease (HFMD) is an infectious disease caused by enteroviruses, which characterizes by fever and vesicular eruptions on the hands, feet, and mouth. There are more than 20 kinds of enteroviruses that cause HFMD. Among them, enterovirus 71 and coxsackie A16 are the most common pathogen. But in recent years, non-EV71 and non-CA16 EVs have become important pathogens causing HFMD, among which Coxsackievirus group A Type 6 (CA6) and Coxsackievirus Group A Type 10 (CA10) are important pathogens.

Tianlong Coxsackie A6/A10 Nucleic Acid Detection Kit is intended for the qualitative detection of Coxsackie A6/A10 Virus nucleic acid by Real-time reverse transcription Polymerase Chain Reaction (Real-time RT-PCR) method, assisting in the diagnosis and treatment of Coxsackie A6/A10 virus infection patients and public healthcare management.



FEATURES



Innovative 3-in-1 tube PCR

Innovative single-tube PCR, with reaction solution, primers and PCR enzymes in one tube, minimize time of sample adding. PCR detection within 40 minutes

Upgraded
single-tube
PCR



Accurate Detection

Detection and differentiation of Coxsackie A6/A10, the important HFMD causing pathogen



High Precision

The precision values of intra and inter Ct values were all <5%



User-friendly

Widely applicable in instruments with FAM, VIC (HEX), CY5 fluorescence channels



More Accessible

CE marked, accessible for more counties

DATA INTERPRETATION

Figure 1: Positive standard amplification curve

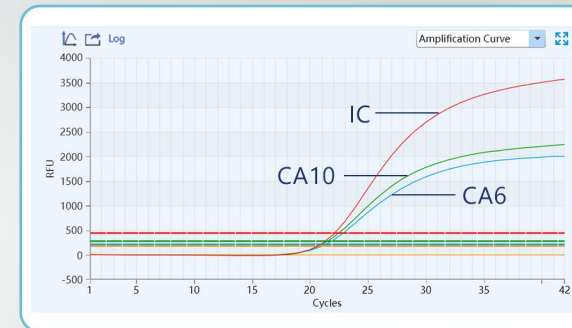
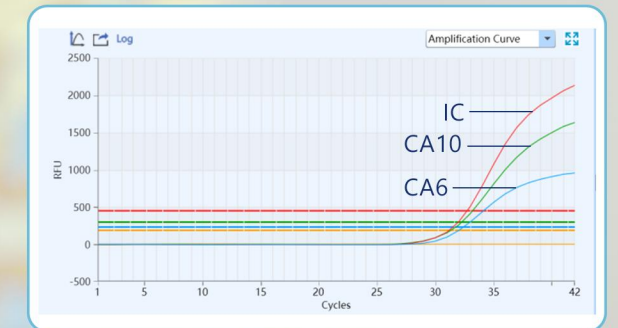


Figure 2: LOD amplification curve



ORDERING INFORMATION

Product Name	Coxsackie A6/A10 Nucleic Acid Detection Kit (Fluorescence PCR Method)
Cat.No	P115H
Specification	32T/Kit
Specimen	Oropharyngeal swabs
Sensitivity	500 copies/mL
Target Pathogene	Coxsackie A6/A10
Storage & Validity	--25°C~-15°C for 12 months
Applicable Equipment	Instruments with FAM, VIC (HEX), CY5 channels such as Applied Biosystems™ 7500 Real-Time PCR Systems and Tianlong Gentier Real-time PCR Systems

ASSAY WORKFLOW

- 1 Sample Collection
- 2 Nucleic Acid Extraction
- 3 PCR Detection
- 4 Analysis and Report



Version 3.0

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