

Sapovirus/Adenovirus/Astrovirus Nucleic Acid Multiplex Detection Kit (Fluorescence PCR Method)

Viral diarrhea is a group of acute intestinal infectious diseases that commonly occurs in humans. The clinical manifestations of viral diarrhea include nausea, vomiting, abdominal pain, and diarrhea. Sapovirus, Adenovirus, and Astrovirus are the main pathogens in this group.

The Tianlong Sapovirus/Adenovirus/Astrovirus Nucleic Acid Multiplex Detection Kit is intended for qualitative detection of diarrhea viruses Sapovirus/Adenovirus/Astrovirus nucleic acid by Real-time (reverse transcription) Polymerase Chain Reaction method. It can assist in diagnosing and treating patients with viral diarrhea infections and aid in public healthcare management.

FEATURES



Drive laboratory efficiency

Accurate detection and differentiation of Sapovirus/Adenovirus/Astrovirus from human rectal swab samples or stool samples, 3 in 1 test drives lab efficiency



High Precision

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



Internal Control

The use of internal control system in the kit can effectively prevent false negative results



Wide Compatibility

Widely applicable in instruments with FAM, VIC (HEX), ROX/Texas Red, Cy5 fluorescence channels



More Accessible

CE marked, accessible for more countries

DATA INTERPRETATION

Figure 1: Amplification curves of positive standard sample in high concentrations

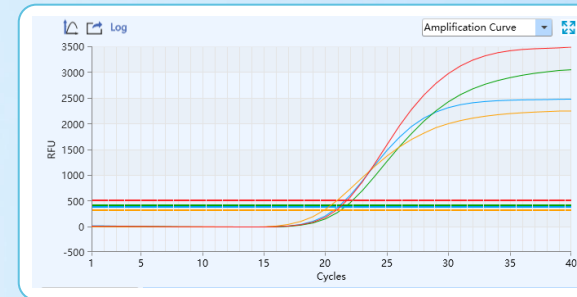
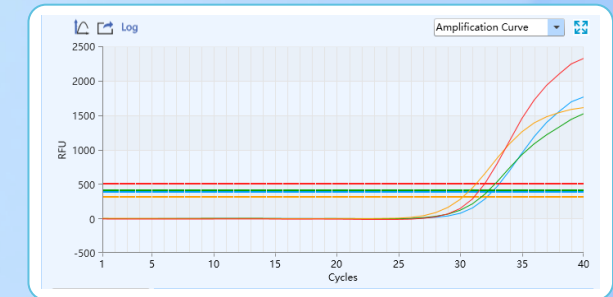


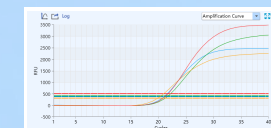
Figure 2: Amplification curves of positive standard sample in low concentrations



ORDERING INFORMATION

Product Name	Sapovirus/Adenovirus/Astrovirus Nucleic Acid Multiplex Detection Kit (Fluorescence PCR Method)	
Cat.No	P252H	P652H
Specification	25T/Kit	50T/Kit
Specimen	Human rectal swabs or stool samples	
LoD	500 copies/mL	
Precision	< 5%	
Storage & Validity	-25 C ~ -15 C for 12 months	
Applicable Equipment	Instruments with FAM, VIC (HEX), ROX/Texas Red, Cy5 fluorescence channels such as Tianlong Gentier Real-time PCR Systems and Applied Biosystems™ 7500 Real-Time PCR Systems	

ASSAY WORKFLOW



Version 1.0

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