

Virus

Real-time PCR Kits

Foodborne illnesses caused by pathogenic virus still occur at unacceptably high frequencies in both industrialized nations and developing countries. When foodborne disease outbreaks, it is most important to perform laboratory-based surveillance for causative pathogens and epidemiological study as soon as possible.

PowerChek™ Virus Real-time PCR Kit series is designed to detect food and waterborne virus-specific gene in various food sources and environmental samples by TaqMan probe-based Real-time PCR method. Real-time PCR assay have been shown to yield good detection of virus with rapid results compared to culture method as well pathogen contamination.

Characteristics

- Detection kit for food and waterborne virus
 - Upgrade version of conventional PCR kits
- One-step Real-time RT-PCR
 - TaqMan™ probe-based technology
- Rapid & simple reaction
- No contamination : closed system
- No error : Internal positive control
- A complete solution – premix type or 1.5 ml tube type
- Easy to operation in less than 3.5 hrs

Application

Food, cell, water, environmental sample, fecal specimens etc

** For research use only

Kit Components

- Virus specific primer/probe mixture
- 2X RT-PCR Reaction Buffer
- RT enzyme mix
- Control

Storage

-20℃

Short & Simple Protocol

After DNA or RNA Ext.

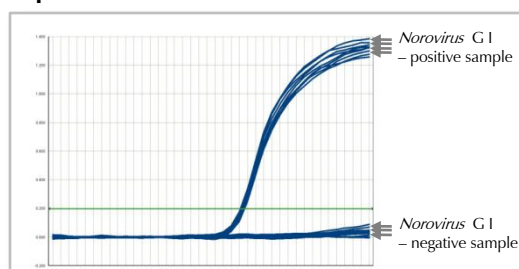
Step 1 : Mix extracted DNA or RNA with the Kit's reagents

Step 2 : One-step Real-time RT-PCR run

Step 3 : Analysis

3.5 hrs

Exp.



This data is the Real-time PCR result by using PowerChek™ Norovirus G I Real-time PCR Kit on AB7500.

Ordering Information

PowerChek™ Virus Real-time PCR Kit series	Cat #	rxn
PowerChek™ Adenovirus Real-time PCR Kit	R0201	50
PowerChek™ Astrovirus Real-time PCR Kit	R0202	developing
PowerChek™ Norovirus G I Real-time PCR Kit	R0203	50
PowerChek™ Rotavirus Real-time PCR Kit	R0204	50
PowerChek™ Norovirus G II Real-time PCR Kit	R0205	50