

Virus

RT-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 RT-PCR Kit series is designed to detect Norovirus GI and GII specific gene in various food sources and environmental samples by one-step RT-PCR method. RT-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 Norovirus GI and GII
- One-step RT-PCR Kits
- A complete solution
 - primer, buffer, enzyme, DNA size marker, and loading dye
- Easy to operation in less than 4.5 hrs

Application

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

** For research use only

Kit Components

- Virus-specific primer
- 2X RT-PCR Reaction Buffer
- RT enzyme mix
- Control
- DNA size marker
- DNA loading dye

Storage

-20℃

Short & Simple Protocol

After DNA or RNA Ext.

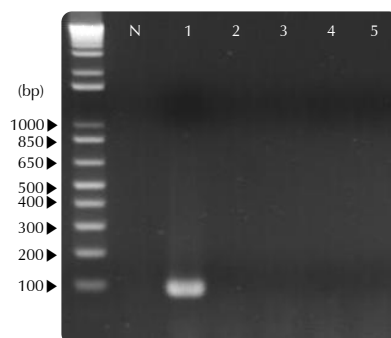
Step 1 : Mix extracted DNA or RNA with the Kit's reagents

Step 2 : One-step RT-PCR run

Step 3 : Electrophoresis & Analysis

4.5 hrs

Exp.



M : Size marker
N : No Template Control
1 : Norovirus GI
2 : Norovirus GII
3 : Adenovirus
4 : Astrovirus
5 : Rotavirus

This data is the amplification result by using PowerChek™ Norovirus G I RT-PCR Kit .

Ordering Information

PowerChek™ Virus RT-PCR Kit series	Cat #	rxn
PowerChek™ Norovirus G I Detection Kit	P0201	50
PowerChek™ Norovirus G II Detection Kit	P0202	50