

Easy and Fast



NeoPlex™

Innovative Multiplex  
Real-Time PCR Assay



# NeoPlex™ Gastrointestinal Virus Panel GI-Virus 6 Detection

CE-IVD Marked

## Simultaneous Detection of 6 Gastrointestinal Viruses

- Norovirus GI (NoV GI)
- Norovirus GII (NoV GII)
- Rotavirus (RoV)
- Adenovirus (AdV)
- Astrovirus (AsV)
- Sapovirus (SaV)

Single-Tube Multiplex PCR Test  
One-Step Real-Time RT-PCR  
Automation Support

### ● Single-Tube Multiplex Real-Time RT-PCR Reaction

By Genematrix's Proprietary C-Tag™ Technology

### ● High Inclusivity

Detects and identifies 6 most common viruses that cause gastroenteritis  
Supports viral and bacterial results in one report when used with NeoPlex™ GI-Bac panels \*

\* Coming soon

### ● Superior Clinical Performance

Clinical Sensitivity : 98.72% - 100%  
Clinical Specificity : 99.54% - 100%  
Reproducibility : 100%

### ● Ease of Use

Automated analysis with NeoPlex™ Viewer software  
One-Step RT-PCR without separate cDNA synthesis step

### ● Fast Turnaround Time (TAT)

Within 3.5 hour from nucleic acid extraction to result analysis, enabling same-day report

## Workflow

### C-Tag™ Multiplex Real-Time PCR

#### Step 1 (1 hr) Nucleic Acid Extraction



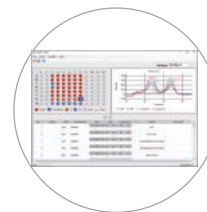
Manual or Automatic Extraction

#### Step 2 (2 hr 30 min) One-Step RT-PCR



CFX96™ Real-Time PCR

#### Step 3 (5 min) Data Analysis



NeoPlex™ Viewer

- Simultaneous Detection of 6 Viral Gastrointestinal Pathogens in a Single PCR Test
- Fast Turnaround Time: Less than 3.5 Hour of Analysis and Same-Day Report

## Compatible Instruments

Compatible with Automatic Nucleic Acid extraction equipment  
CFX96 Real-Time PCR System (Bio-Rad)

## Specimens

Stool

## Series Products

NeoPlex™ GI-Bac 8\* : *Salmonella spp.*, *Shigella spp./EIEC*, *Vibrio spp.*, *Campylobacter spp.*, *C. perfringens*,  
*C. difficile Toxin B*, *Y. enterocolitica*, *Aeromonas spp.*

NeoPlex™ GI-Bac 5\* : EPEC, STEC, ETEC, EAEC, *E.coli* O157:H7

\* Coming soon

## Ordering Information

Cat No.	Product	Description	Method	Size
NG01A	NeoPlex™ GI-Virus 6 Detection Kit	Simultaneous detection of 6 Viral Gastrointestinal Pathogens in a Single Test	Multiplex Real-Time RT-PCR	96 Tests/Kit

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