

Allplex™

GI-Virus Assay

Viral gastroenteritis is an acute infection of the gastrointestinal (GI) tract caused by virus and has signs and symptoms such as watery diarrhea, nausea, vomiting, and fever. Among several types of GI virus, some could be fatal as they cause acute diarrhea in infants below age of 5. Therefore, identifying virus types is crucial for monitoring regional outbreak and appropriate treatment.

Allplex™ GI-Virus Assay is a multiplex real-time PCR assay that can identify 6 major GI virus types (ASV, SV, ROV, NVG1, NVG2, ADV-F) causing acute viral gastroenteritis. The assay can provide even more comprehensive syndromic testing when used with Seegene's other GI assays. Being compatible with Seegene's fully automated system, the assay can be performed efficiently.

Key features

• Syndromic test

- Combination test available with Seegene's other GI assays (Allplex™ GI-Bacteria(I) Assay, Allplex™ GI-Bacteria(II) Assay, Allplex™ GI-Parasite Assay) for detecting causative pathogens of gastrointestinal symptoms

• High specificity

- Identifies diarrhea-causing viruses specifically as tested for cross-reactivity to different pathogens

• High multiplex detection

- Detects and identifies 6 major pathogens (ASV, SV, ROV, NVG1, NVG2, ADV-F) of viral gastroenteritis simultaneously in one tube, with a single test

• Full-automation

- Provides a fully automated workflow from extraction to result analysis using Seegene STARlet-AIOS
- Minimizes contamination and human error
- Increases test efficiency

Specifications

Analytes	Specimen	Compatible instrumentation
<ul style="list-style-type: none"> • Astrovirus (ASV) • Sapovirus (SV) • Rotavirus A (ROV) • Norovirus GI (NVG1) • Norovirus GII (NVG2) • Adenovirus F (ADV-F) • Exogenous internal control (IC) 	<ul style="list-style-type: none"> • Human stool 	<ul style="list-style-type: none"> • Automated extraction & PCR setup Seegene STARlet-AIOS Seegene NIMBUS Seegene STARlet • Automated extraction SEEPREP32™ NucliSENS® EasyMag® Maelstrom™ 9600 • Real-time PCR CFX96™ Dx

Ordering information

Product	Volume	Cat. No.	Product	Volume	Cat. No.
Allplex™ GI-Virus Assay	100 rxns	GI9701X	Allplex™ GI-Bacteria(II) Assay	100 rxns	GI9702X
	25 rxns	GI10184Z		25 rxns	GI10183Z
Allplex™ GI-Bacteria(I) Assay	100 rxns	GI9801X	Allplex™ GI-Parasite Assay	100 rxns	GI9703X
	25 rxns	GI10201Z		25 rxns	GI10202Z