

Real-time PCR

CE-IVDR



Allplex™

GI-Bacteria(I) plus Assay

Bacterial gastrointestinal infections continue to cause illness and death and contribute to economic losses in most parts of the world, including high-income countries that have established surveillance and control programs.

Symptoms can range from mild to moderate and may include watery diarrhea, nausea, vomiting, fever, and abdominal pain. Symptoms usually begin within a few days of infection and resolve within a week. However, in certain cases, the infection may result in rapid clinical deterioration. Transmission primarily occurs via the fecal-oral route, most commonly through person-to-person contact.

Allplex™ GI-Bacteria(I) plus Assay detects and identifies 9 bacterial pathogens associated with gastroenteritis. It demonstrates enhanced detection performance and broader coverage of *Campylobacter* spp. Including *C. coli*, *C. jejuni*, *C. lari*, *C. upsaliensis*, and *C. fetus*. Utilizing Seegene's proprietary MUDT™ technology, this assay simultaneously reports multiple Ct values of each pathogens within a single channel using real-time PCR platforms.



Expanded pathogen coverage

Detection of 9 bacterial pathogens, with expanded *Campylobacter* species coverage (*C. lari*, *C. fetus*, *C. upsaliensis*) delivering broader precision

Addition of analytes (*C. perfringens*, *C. difficile* toxin A) enhancing diagnostic and clinical relevance



Versatile syndromic testing

Flexible combination of Seegene's GI assays to detect causative pathogens according to diverse clinical and laboratory needs



Seamless automated workflow

Full automation from extraction to result analysis with Seegene STARlet-AIOS, ensuring higher efficiency and minimizing manual errors

Specifications

Analytes	Specimens	Compatible instrumentation
<i>Shigella</i> spp./EIEC <i>Vibrio</i> spp. <i>Aeromonas</i> spp. <i>C. perfringens</i> <i>Campylobacter</i> spp.	<i>Y. enterocolitica</i> <i>C. difficile</i> toxin B <i>C. difficile</i> toxin A <i>Salmonella</i> spp.	Human stool Automated extraction & PCR setup Seegene STARlet-AIOS™ Seegene NIMBUS Seegene STARlet
		Automated Extraction SEEPREP32™ Maelstrom™ 9600 Real-time PCR CFX96 CFX96 Dx CFX OPUS 96 Dx

Ordering information

Products	Volume	Cat. No.
Allplex™ GI-Bacteria(I) plus Assay	100 rxns	GI10122X
	25 rxns	GI10123Z
Allplex™ GI-Virus Assay	100 rxns	GI9701X
	25 rxns	GI10184Z
Allplex™ GI-Bacteria(II) Assay	100 rxns	GI9702X
	25 rxns	GI10183Z
Allplex™ GI-Parasite Assay	100 rxns	GI9703X
	50 rxns	GI9703Y
	25 rxns	GI10202Z
Allplex™ GI-Helminth(I) Assay	100 rxns	GI10191X
	50 rxns	GI10190Y
	25 rxns	GI10189Z