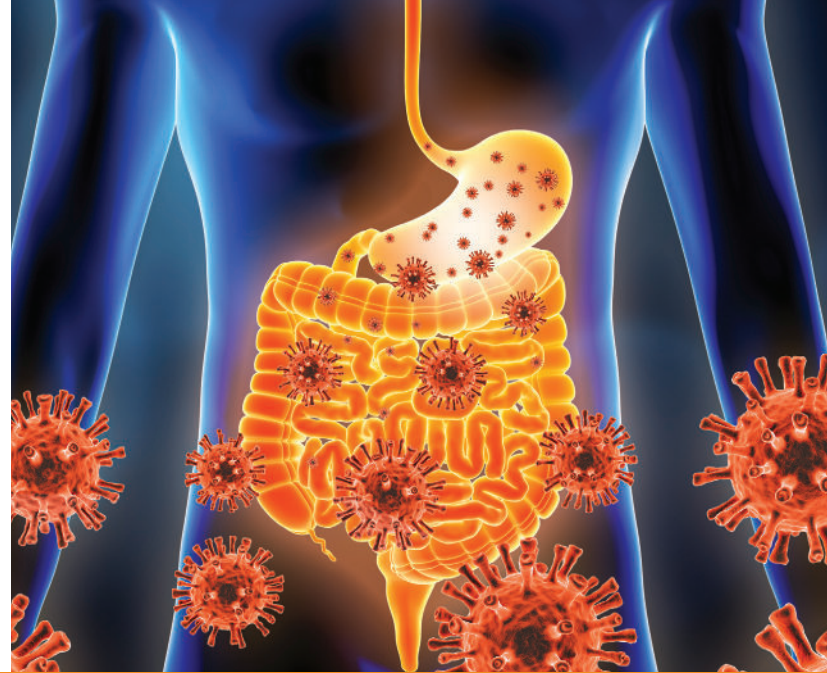


Novaplex™ Gastrointestinal Assays*

Test for pathogens that cause gastrointestinal infections including bacteria, viruses, and parasites



GASTROINTESTINAL INFECTIONS

HIGH MULTIPLEX REAL-TIME PCR ASSAYS

Gastroenteritis is the inflammation of the lining of the stomach and small and large intestines. It is frequently caused by viruses but can also be caused by bacterial or parasitic infections.

The disease can be food-borne, water-borne, person-to-person, or occasionally through zoonotic spread, showing symptoms such as diarrhoea, vomiting, abdominal pain, and fever.

Gastroenteritis affects more than 20 million people each year in the US.

KEY FEATURES

Broad coverage of gastrointestinal pathogens

- Detection of 34 GI infection-causing pathogens across 5 panels
- 6 viral, 13 bacterial, 6 parasite, and 9 helminth
- 4 hours TAT (from extraction to results)
- All Novaplex GI assays can be run together

Automated system

- Provides a convenient work flow through a streamlined automation system
- Minimizes contamination and human error

SAMPLE TYPES

Stool

One Tube	Novaplex™ GI-Virus Assay	Novaplex™ GI-Bacteria(I) Assay	Novaplex™ GI-Bacteria(II) Assay	Novaplex™ GI-Parasite Assay	Novaplex™ GI-Helminth(I) Assay
Number of Targets	6	7	6	6	9

Novaplex™ Assays are For Research Use Only. Not for Use in Diagnostic Procedures.



ANALYTES

Novaplex™ GI-Virus Assay	Novaplex™ GI-Bacteria (I) Assay	Novaplex™ GI-Bacteria (II) Assay	Novaplex™ GI-Parasite Assay	Novaplex™ GI-Helminth (I) Assay
<ul style="list-style-type: none"> Norovirus GI Norovirus GII Rotavirus Adenovirus Astrovirus Sapovirus 	<ul style="list-style-type: none"> <i>Campylobacter</i> spp. <i>Vibrio</i> spp. <i>C. difficile</i> toxin B <i>Shigella</i> spp. / EIEC <i>Salmonella</i> spp., <i>Y. enterocolitica</i> <i>Aeromonas</i> spp. 	<ul style="list-style-type: none"> <i>E. coli</i> O157 CD hypervirulent STEC (stx1/2) AEC (aggR) ETEC (It/st) EPEC (eaeA) 	<ul style="list-style-type: none"> <i>G. lamblia</i> <i>B. hominis</i> <i>E. histolytica</i> <i>D. fragilis</i> <i>Cryptosporidium</i> spp. <i>C. cayetanensis</i> 	<ul style="list-style-type: none"> <i>Enterocytozoon</i> spp. / <i>Encephalitozoon</i> spp. <i>Strongyloides</i> spp. <i>Hymenolepis</i> spp. <i>Ascaris</i> spp. <i>Taenia</i> spp. <i>T. trichiura</i> <i>Ancylostoma</i> spp. <i>E. vermicularis</i> <i>N. americanus</i>

ORDERING INFORMATION

Assay	Volume (rxns)	Catalog No.
Novaplex™ GI-Virus	124	R-GI9701W
Novaplex™ GI-Bacteria (I)	124	R-GI9801W
Novaplex™ GI-Bacteria (II)	124	R-GI9702W
Novaplex™ GI-Parasite	124	R-GI9703W
Novaplex™ GI-Helminth (I)	124	R-GI10191W



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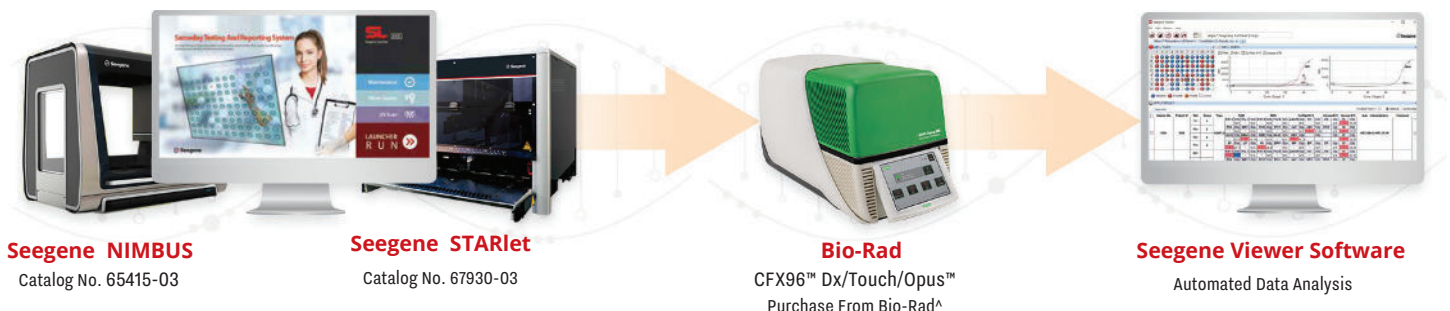
WORKFLOW

FOR EXTRACTION

Seegene Launcher
Operation Software

REAL-TIME PCR

AUTOMATED DATA ANALYSIS



** Extraction methods are not limited to the Seegene NIMBUS and Seegene STARlet.

[^] The CFX96™ Dx/Touch/Opus™ instrument is to be purchased directly from Bio-Rad. Seegene does not distribute the instrument in the U.S. Please contact Bio-Rad for ordering information.