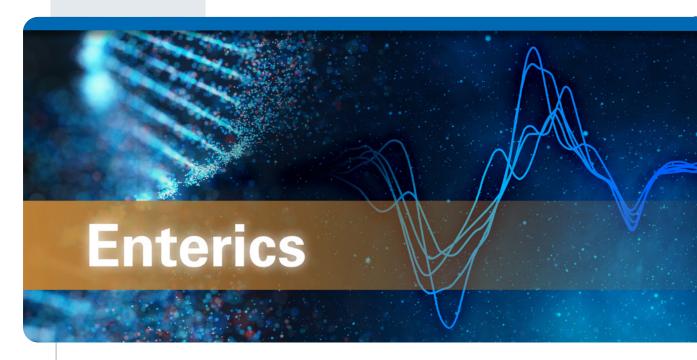


IVD



LiquidArray® Gastrointestinal

Next generation multiplexing for gastroenteritis

Detect up to 26 pathogens

- Simultaneously detect up to 26 pathogens that cause gastroenteritis
- Single protocol for bacteria, viruses, parasites and pathogen associated toxins
- Streamlined workflow from sample to results at a glance
- Compatible with high throughput testing

LiquidArray® Gastrointestinal

Gastrointestinal pathogens can cause life-threatening diseases, particularly amongst children, immunosuppressed people and the elderly. The associated testing of stool samples for the potential causative agents – bacteria, viruses, parasites and toxins – causes a significant diagnostic burden in healthcare facilities. Multiplex syndromic panels can be used to simplify routine service and improve diagnostic efficiency.

Powered by LiquidArray®

LiquidArray® Gastrointestinal is a syndromic panel for gastrointestinal infections. The assay uses LiquidArray® next generation multiplexing technology to detect up to 26 pathogens from stool samples in a two-well format supporting the throughput needs of the routine laboratory. Together with automated nucleic acid extraction in the GenoXtract® fleXT and multiplexed amplification in the FluoroCycler® XT, the assay contributes to a streamlined solution from patient sample to results at a glance.

Well 1

Bacteria and toxins:

Campylobacter spp.

C. difficile toxin A

C. difficile toxin B

E. coli 0157

Enterohemorrhagic *E. coli* (EHEC)

Enteroinvasive E. coli (EIEC)/Shigella spp.

Enteropathogenic E. coli (EPEC)

Salmonella spp.

Shiga toxin-producing *E. coli* (STEC)

Yersinia enterocolitica

Viruses:

Norovirus GI

Norovirus GII

Rotavirus

Parasites:

Cryptosporidium spp. Entamoeba histolytica Giardia lamblia

Well 2

Bacteria:

Enteroaggregative *E. coli* (EAEC) Enterotoxigenic *E. coli* (ETEC) Plesiomonas shigelloides Vibrio cholerae Vibrio spp.

Viruses:

Adenovirus 40/41 Astrovirus

Parasites:

Sapovirus

Ascaris spp.

Cyclospora cayetanensis



The LiquidArray® Gastrointestinal panel uses an encapsulated RNA Internal Control (Universal Internal Control 2), which mimics the lysis of viral particles and serves as an extraction, reverse transcription and amplification control. In addition, a stool buffer developed for use with LiquidArray® Gastrointestinal allows stabilization and storage of the stool samples to be tested.

Results at a glance

The FluoroCycler® XT provides fully automated analysis and the FluoroSoftware® XT-IVD generates results at a glance, in an easy to use, easy to interpret test report.

- Compatible workflow with high throughput stool testing
- 26 pathogens for gastroenteritis detected
- Results at a glance with FluoroSoftware® XT-IVD

Please contact your local representative for availability in your country. Not for sale in the USA.

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