

IVD

A horizontal banner with a dark blue background. On the left, there are glowing blue and red particles and streaks. On the right, there is a white line graph with multiple overlapping lines. A white horizontal bar is overlaid on the left side of the banner, containing the word "Enterics" in white text.

# Enterics

## LiquidArray<sup>®</sup> 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* O157  
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  
Sapovirus

##### Parasites:

*Ascaris* spp.  
*Cyclospora cayentanensis*





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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GenoXtract® fleXT  Hamilton Bonaduz AG, Via Crusch 8, CH-7402 Bonaduz, Switzerland  
FluoroCycler® XT  Hain Lifescience, Hardwiesenstrasse 1, 72147 Nehren, Germany



Nehren · Germany  
Phone +49 (0) 7473-9451-0

[info.mdx.de@bruker.com](mailto:info.mdx.de@bruker.com)  
[www.hain-lifescience.de](http://www.hain-lifescience.de)