

# BioCode Gastrointestinal Pathogen Panel\*

**G**astroenteritis is the second most common illness after the common cold. Globally, diarrhea accounts for approximately 2 million deaths in children under 5 years old per year or 19% of total child deaths. High throughput multiplex assays enable rapid identification of the pathogens that can cause outbreaks of diarrhea and for infection control in healthcare settings.

The BioCode Gastrointestinal Pathogen Panel is an 18-plex assay with targeted bacteria, viruses, and parasites that allows efficient detection of the most common gastrointestinal pathogens.

The BioCode Gastrointestinal Pathogen Panel is performed on the BioCode MDx 3000 System. This system allows for high throughput, low cost molecular testing of your high volume samples. And, it can be performed either on raw stool or stool in Cary-Blair medium.

Testing 96 patient samples with the BioCode Gastrointestinal Pathogen Panel on the BioCode MDx 3000 can be completed in about 3.5 hours after sample extraction.

\* Under Development

## **Bacteria:**

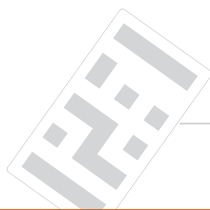
- ◆ *Campylobacter* spp.
- ◆ *Clostridium difficile* toxin A/B
- ◆ Enteroaggregative *E. coli* (EAEC)
- ◆ Enteropathogenic *E. coli* (EPEC)
- ◆ Enterotoxigenic *E. coli* (ETEC)
- ◆ *Salmonella* spp.
- ◆ Shigella/Enteroinvasive *E. coli* (EIEC)
- ◆ STEC, Non-0157
- ◆ STEC, O157
- ◆ *Vibrio parahaemolyticus*
- ◆ *Vibrio* spp.
- ◆ *Yersinia enterocolitica*

## **Parasites:**

- ◆ *Cryptosporidium* spp.
- ◆ *Entamoeba histolytica*
- ◆ *Giardia lamblia* / *G. intestinalis*

## **Viruses:**

- ◆ Adenovirus 40/41
- ◆ Norovirus GI/GII
- ◆ Rotavirus A



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**Applied BioCode**