

GASTROINTESTINAL INFECTIONS

- Diarrhea caused by an infection of the gastrointestinal tract may be acute, or persistent.
- Infection of the GI tract can also produce symptoms of nausea, vomiting, and/or abdominal cramps.
- Millions of diarrhea episodes occur per year undiagnosed.

TESTING FOR GI INFECTIONS

	BioFire Film Array GI Panel	Stool Culture	O&P	EIA	DFA	Traditional PCR
Pathogens	22 Pathogens	Bacteria	Parasites	BVP	BVP	BVP
TAT	<2 Hours	3-5 Days	1-7 Days	<2 Hours	30 min	5-6 hours
Sensitivity	98.50%	77%-91%	50%-90%	75%-95%	90%-99%	up to 100%
Specificity	99.30%	61%-78%	80%-90%	83%-98%	95%-100%	up to 100%

BIOFIRE FILM ARRAY GI PANEL

The Biofire Film Array GI Panel, a comprehensive molecular diagnostic test provides an option to change the way that patients with GI infections can be better diagnosed and better treated.



The Biofire Film Array GI Panel targets 22 Pathogens simultaneously.

Bacteria

Campylobacter (jejuni, coli and upsaliensis)
Clostridium difficile (toxinA/B)
Plesiomonas shigelloides
Salmonella
Yersinia enterocolitica
Vibrio (parahaemolyticus, vulnificus and cholerae)
Vibrio cholerae

Parasites

Cryptosporidium
Cyclospora cayetanensis
Entamoeba Histolytica
Giardia lamblia

Diarrheagenic E.coli/Shigella

Enteraggregative E. coli (EAEC)
Enteropathogenic E. coli (EPEC)
Enterotoxigenic E. coli (ETEC) lt/st
Shiga-like toxin-producing E. coli (STEC)
stx1/stx2 E. coli 0157
Shigella/Enteroinvasive E. coli (EIEC)

Viruses

Adenovirus F40/41
Astrovirus
Norovirus GI/GII
Rotavirus A
Sapovirus (I, II, IV, and V),



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www.primexlab.com