



Gastrointestinal Pathogen Panel

Submission requirements: Stool in 1-3mL Cary-Blair (C&S) media; do not send stool in sterile cup or stool preserved in formalin or PVA; stability: 4 days refrigerated

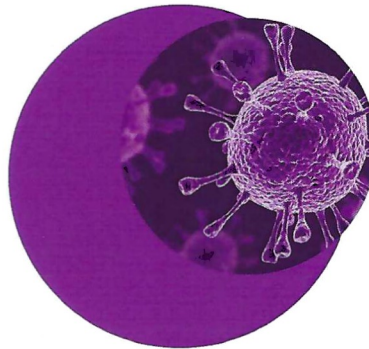


BACTERIA

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

Diarrheagenic E. coli/Shigella

- Enteroaggregative E. coli (EAEC)
- Enteropathogenic E. coli (EPEC)
- Enterotoxigenic E. coli (ETEC) It/st
- Shiga-like toxin-producing E. coli (STEC) stx1/stx2
- E. coli O157
- Shigella/Enteroinvasive E. coli (EIEC)



VIRUSES

- Adenovirus F 40/41
- Astrovirus
- Norovirus GI/GII
- Rotavirus A
- Sapovirus (I, II, IV, and V)



PARASITES

- Cryptosporidium
- Cyclospora cayetanensis
- Entamoeba histolytica
- Giardia lamblia

**Custom
reporting
with
actionable
results**

**Rapid
24 hour
turn around
time**

**Consultation
with an
infectious
disease expert**

**98.5%
Sensitivity,
99.2%
Specificity**

Gastrointestinal Pathogen Panel

Clinical Utility

Sherman Abrams Labs' Gastrointestinal Pathogen Panel (GPP) detects and identifies 22 enteric pathogens in stool specimens from symptomatic patients. The Gastrointestinal Pathogen Panel is a single panel that provides rapid screening to identify the cause of enteric infections including viruses, bacteria and parasites. The GPP provides greater sensitivity and range of testing than traditional methods to greatly aid in guiding patient treatment and management.

Better Testing. Better Care.

The Gastrointestinal Pathogen Panel identifies an average of 25%-36% more potential pathogens than traditional testing. Because the signs and symptoms of infectious gastroenteritis are often overlapping among different pathogens, the ability to offer a single diagnostic test to detect multiple bacterial, viral, and parasite targets saves time and allows for a more targeted and effective treatment strategy over conventional diagnostic methods.

Cut Unnecessary Downstream Procedures

Patients who are screened using the Gastrointestinal Pathogen Panel are 12.5% less likely to undergo endoscopy and 7.3% less likely to receive abdominal imaging versus traditional testing. Testing using the Gastrointestinal Pathogen Panel reduces unnecessary antibiotic use in patients for whom treatment is not indicated.

Rule Out Infectious Causes

Be confident to rule out infectious causes of diarrhea and other symptoms with >99% negative predictive value.



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