

Comprehensive, Accurate, and Fast Results

- Rapidly identify 22 gastrointestinal polymicrobial pathogens which may be missed if using standard testing methods
- Can inform appropriate patient management
- Can ensure appropriate treatment
- May improve treatment outcomes
- Can improve isolation and cohorting decisions to prevent secondary transmission
- Can guide appropriate patient follow up

COMPREHENSIVE

Simultaneously tests for 22 targets

FAST

2 minutes of hands-on time
Run time of about 1 hour

ACCURATE

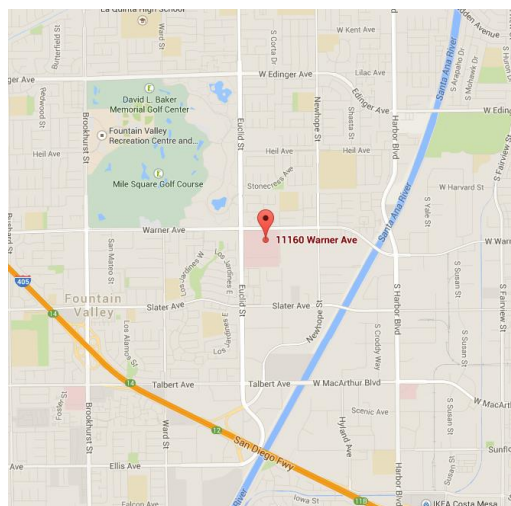
98.5% overall sensitivity
99.3% overall specificity

Who We Are About Us

Lab Genomics, LLC, was cultivated with the ideal in mind of providing state of the art molecular genetic testing with the end goal of the best quality of life possible for the patient.

Our goal is to provide cutting edge diagnoses giving physicians and patients the best tools and education for health care decisions. Ultimately having physicians and patients proactive in maintaining one's health.

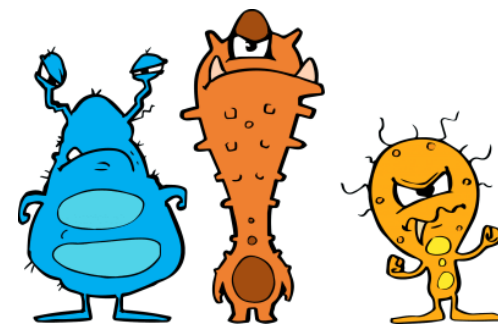
Questions? Contact Us



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Gastrointestinal (GI) Panel Rapid Molecular Diagnostic Test



Results in 24 hours
FDA cleared
Covered by Medicare
and most insurances



PREDICTIVE

PREVENTATIVE

PERSONALIZED

Interpretation of the GI Panel Report

Physicians receive an easy to read
“Detected” or “Not Detected”
 result for each pathogen.

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PREDICTIVE	PREVENTATIVE	PERSONALIZED	
Patient:	DOB:		
Accession #:	Gender:		
Spec. Date:	Order Date:		
Ordered By:	Report Generated:		
GASTROINTESTINAL PANEL			
Bacteria			
Clostridium difficile toxin A/B	Not Detected		
Campylobacter	Not Detected		
Plesiomonas shigelloides	Not Detected		
Salmonella	Not Detected		
Vibrio cholerae	Not Detected		
Vibrio	Not Detected		
Yersinia enterocolitica	Not Detected		
Diarrheagenic E. coli/Shigella			
Enteraggregative E. coli (EAEC)	Not Detected		
Enteropathogenic E. coli (EPEC)	Not Detected		
Enterotoxigenic E. coli (ETEC) It/st	Not Detected		
Shigella/Enteroinvasive E. coli (EIEC)	Not Detected		
Shiga-like toxin-producing E. coli (STEC) stx1/stx2	Not Detected		
Parasites			
Cyrtospora cayetanensis	Not Detected		
Cryptosporidium	Not Detected		
Entamoeba histolytica	Not Detected		
Giardia lamblia	Not Detected		
Viruses			
Adenovirus F 40/41	Not Detected		
Astrovirus	Not Detected		
Norovirus GI/GII	Not Detected		
Rotavirus A	Not Detected		
Sapovirus	Not Detected		



PREDICTIVE PREVENTATIVE PERSONALIZED

Challenges in Diagnosing Gastrointestinal Infections

Overlapping signs and symptoms:

- Watery diarrhea (bloody and non-bloody)
- Stomach pain
- Cramping
- Fever
- Nausea
- Headache
- Vomiting

Differential Diagnosis:

- Food Poisoning
- Traveler's Diarrhea
- IBD (Crohn's, Colitis)
- Medical Reactions
- Colon Cancer
- Diverticulosis
- Cystic Fibrosis
- Intussusception
- Thyroid Disorder
- Tumors
- Autoimmune Disease

22 GI Panel Pathogens

Bacterial Targets

- 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

- Enteroggregative 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)

Parasites

- Cryptosporidium
- Cylospora cayetanensis
- Entamoeba histolytica
- Giardia lamblia

Viruses

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

