

### **Our Rapid Pathogen Detection Solution**

#### What is GI Detect™?

GI Detect<sup>™</sup> is a revolutionary diagnostic test that swiftly identifies a broad spectrum of pathogenic organisms that can affect gastrointestinal health. This test leverages advanced molecular diagnostics to detect bacteria, viruses, and parasites that are often the culprits behind common and complex gastrointestinal disorders.

- Cutting-Edge Technology: Utilizes the latest advancements in molecular biology to provide precise and accurate identification of pathogens.
- Sensitive and Specific: Designed to detect even low levels of pathogenic DNA, ensuring that even early-stage infections are caught.
- Comprehensive Coverage: Capable of identifying multiple pathogens in a single test, including difficult-to-diagnose bacteria and viruses.

GI Detect offers a quick and definitive diagnosis, helping healthcare providers make informed decisions about the best treatment plans for their patients. By integrating this test into clinical practice, practitioners can enhance their diagnostic capabilities, leading to improved patient outcomes and satisfaction.

#### Why Choose GI Detect™?

- Fast Results: Get accurate diagnoses quickly to start treatment sooner.
- **Comprehensive Testing:** Detects bacteria, viruses, and parasites that cause gastrointestinal issues.
- Non-Invasive: Simple sample collection with minimal discomfort.

## 'Who Needs GI Detect™?

- Individuals experiencing symptoms of gastrointestinal distress such as diarrhea, abdominal pain, and nausea.
- Travelers who have visited areas with high risk of gastrointestinal infections.
- Healthcare monitoring for communities and institutions.

Discover Better Health with GI Detect™

For more information, please contact us at: cs@emeritusdx.com







# **List of Pathogens:**

- Adenovirus F40/41
- Astrovirus
- Norovirus G1
- Norovirus G2
- Rotavirus A
- Saprovirus 1 and 2
- Saprovirus 1, 4 and 5
- Campylobacter Pool (jejuni, upsaliensis, coli)
- Clostridium difficile (toxin A or B)
- Plesiomonas shigelloides
- Salmonella
- Yersinia enterocolitica
- Helicobacter pylori
- Helicobacter Pylori (Virulence factor VacA)
- Enteroaggregative E.coli (EAEC)
- Enteropathogenic E.coli (EPEC)
- Enterotoxigenic E.coli (ETEC)
- Shiga like toxin producing Ecoli (STEC) stx1 or sxt2
- Shigella / Enteroinvasive E. coli (EIEC)
- E. coli O157
- Cryptosporidium
- Entamoeba histolytica
- Giardia lamblia
- Helicobacter pylori (Virulence Factor cagA)
- Helicobacter pylori (Virulence Factor babA)

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