



# Infectious **diarrhea testing**

Faster, specific results for diagnosing gastric distress

Lack of a specific diagnosis can hinder timely and appropriate patient management.

## Get the insight you need.

When a patient presents with symptoms of infectious diarrhea, Quest offers tests to quickly determine whether it's caused by a bacterial, viral, or parasitic infection.

### Viral or bacterial infection?<sup>1</sup>

**Viral infections** are the most common cause of acute diarrhea.

*Symptoms may include* nausea, vomiting, normothermia, abdominal cramping, larger stool volume, and nonbloody, watery stool

**Bacterial infections** are more often associated with travel, comorbidities, and food-borne illness.

*Symptoms may include* fever, tenesmus (urgency to evacuate the bowels), and grossly bloody stool



### A growing problem that may require testing

- In the US: Acute gastroenteritis accounts for 179 million outpatient visits, nearly 500,000 hospitalizations, and >5,000 deaths annually<sup>2</sup>
- For certain infections, an organism-specific diagnosis is important to guiding clinical management<sup>2</sup>
- Inflammatory diarrhea may be more severe and require more than simple hydration for the patient
- Diagnosis of an infectious cause of diarrhea may lead to symptom alleviation and help prevent secondary transmissions



# Molecular testing for timely and effective management of infectious diarrhea symptoms—from Quest Diagnostics

Quest has made molecular testing more accessible with a qualitative PCR panel that can simultaneously detect 9 of the most common pathogens associated with infectious diarrhea, with just a single sample.

Compared to traditional stool diagnostic testing, this targeted panel offers clinicians

- Faster turnaround times, from 2-3 days
- Clinically relevant results to accelerate management of patient symptoms
- Alignment with recommendations from the Infectious Disease Society of America (IDSA)<sup>2,4</sup>

## Gastrointestinal Pathogen Panel, Real-Time PCR (TC 38470)

### Viral

- Norovirus GI/GII
- Rotavirus A

### Bacterial

- *Campylobacter* group
- *Salmonella* species
- *Shigella* species
- *Vibrio* group
- *Yersinia enterocolitica*

### Bacterial genes

- Shiga toxin 1 (stx1)
- Shiga toxin 2 (stx2)

Get the infectious disease tests you need to accurately diagnose infectious diarrhea and other GI distress, so you can identify the best course of patient management.

## Testing from Quest Diagnostics



### A broad test portfolio and expertise you can trust

Guideline-driven screening solutions, with 3,500 tests ranging from routine screening to highly specialized testing

~850 MDs and PhDs, and dozens of genetic counselors available for consultation to help with test selection and results interpretation

Clinical Education Center with access to clinical support, test summaries, and more



### Lower costs and greater value

Quest is in-network with >90% of health plans nationwide

A financial assistance program is available to help qualified patients receive screening at a lower cost



### A simpler lab experience

2,400 Patient Service Centers with simple online scheduling

Test results accessible to patients through MyQuest®

# Bacteria, virus, or parasite? **We'll help you determine the cause.**

Quest Diagnostics infectious diarrhea testing options can help you arrive at a differential diagnosis efficiently, so you can determine a potential course of treatment sooner.

Quest	Test Code <sup>a</sup>	CPT Code(s) <sup>b</sup>
<b>Gastrointestinal Pathogen Panel, Real-Time PCR (see inside for more information)</b>		
Includes <i>Campylobacter</i> group, <i>Salmonella</i> species, <i>Shigella</i> species, <i>Vibrio</i> group, <i>Yersinia enterocolitica</i> , Shiga toxin 1, Shiga toxin 2, Norovirus GI/GII, and Rotavirus A	<b>38470</b>	<b>87506</b>
<b>Bacteria</b>		
<i>Campylobacter</i> , Culture <sup>c</sup>	4475	87046
<i>Campylobacter</i> species Antigen, EIA	16302	87449
<i>Clostridium difficile</i> Toxin B, Qualitative, Real-Time PCR	16377	87493
<i>Clostridium difficile</i> Toxin/GDH with Reflex to PCR	91664	87449, 87324 and 87493, if performed
<i>Escherichia coli</i> O157, Culture	8631	87046
Lactoferrin, Qualitative, Stool	10156	83630
<i>Helicobacter pylori</i> Antigen, EIA, Stool	34838	87338
<i>Helicobacter pylori</i> , Urea Breath Test	14839	83013
<i>Salmonella</i> and <i>Shigella</i> , Culture	10019	87045
Shiga Toxins, EIA with Reflex to <i>E. coli</i> O157, Culture	30264	87427, 87046 if performed
<i>Vibrio</i> , Culture	4489	87046
<i>Yersinia</i> , Culture	4487	87046
<b>Viruses</b>		
Adenovirus DNA, QL Real-Time PCR	16046	87798
Norovirus RNA, Qualitative Real-Time PCR	19098	87798
Rotavirus Antigen Detection	706	87425
<b>Parasites</b>		
<i>Cryptosporidium</i> Antigen, EIA	90389	87328
<i>Giardia</i> and <i>Cryptosporidium</i> Antigen Panel	39441	87328, 87329
<i>Entamoeba histolytica</i> Antigen, EIA	34964	87337
<i>Giardia</i> Antigen, EIA, Stool	8625	87329
Ova and Parasites, Concentrate and Permanent Smear	681	87177, 87209

<sup>a</sup> Test codes may vary by location. Please contact your local laboratory or go to [QuestDiagnostics.com/TestCenter](https://www.questdiagnostics.com/TestCenter) for more information.

<sup>b</sup> The CPT codes provided are based on American Medical Association guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed. Reflex tests will be performed at an additional charge. Panel components can be ordered separately.

<sup>c</sup> This test is only performed in our Chantilly, VA and Valencia, CA labs. Refer to test code 16302 for faster turnaround time as it is performed in Quest regional labs.

 For more information, speak with your Quest Diagnostics sales representative or visit **QuestGI.com**.

## References

1. Barr W, Smith A. Acute diarrhea in adults. *Am Fam Physician*. 2014;89(3):180-189. 2. Shane AL, Mody RK, Crump JA, et al. 2017 Infectious Diseases Society of America clinical practice guidelines for the diagnosis and management of infectious diarrhea. *Clin Infect Dis*. 2017;65(12):1963-73. 3. Clinical practice guidelines for *Clostridium difficile* infection in adults: 2010 update by the Society for Healthcare Epidemiology of America (SHEA) and the Infectious Diseases Society of America (IDSA). *Infect Control Hosp Epidemiol*. 2010;31(5):431-55. 4. Riddle MS, DuPont HL, Connor BA. ACG clinical guideline: diagnosis, treatment, and prevention of acute diarrheal infections in adults. *Am J Gastroenterol*. 2016;111(5):602-22.

QuestDiagnostics.com

Quest®, Quest Diagnostics®, any associated logos, and all associated Quest Diagnostics registered or unregistered trademarks are the property of Quest Diagnostic. All third-party marks—® and ™—are the property of their respective owners.

©2025 Quest Diagnostics Incorporated. All rights reserved. SB5808 06/2025

