

LAB2231 GI Diarrheal Pathogen Panel

BMC



Important Note

If *C. difficile* is needed LAB257 will need to be ordered separately

Performing Location(s)

BMC

Specimen Type

Random Stool

Preferred Container

Carey Blair Media (ETM, red top transport tube)



Volume Required

1mL Stool

Storage Requirements

Room temperature in Carey Blair

Transportation Needs

Room temperature

Causes for Rejection

> 4 days room temp or refrigerated
Mislabeled or unlabeled specimen

Unpreserved Specimen > 2 hours at room temperature
Swab - Rectal, Stool
Frozen specimen

Reference Values

Population	Units	Reference Range
All populations	None	Not Detected

Reflex Testing

Organism identification and susceptibility studies are performed as appropriate, according to established protocols that have been approved by the Clinical Laboratory Director. Call Microbiology, 547-3707, for details. There may be additional charges for these identification and susceptibility procedures.

Interpretation

A negative result should not rule-out infection in patients with a high pretest probability for gastrointestinal infection. The assay does not test for all potential infectious agents of diarrheal disease.

Limitations

The detection of microbial DNA or RNA is dependent upon proper sample collection, handling, transportation, storage, and preparation. There is a risk of false-negative results due to the presence of strains with sequence variability or genetic rearrangements in the target regions of the assays.

This test is not recommended as a test of cure.

Repeat testing should not be performed on samples collected less than 7 days apart.

The presence of blood or mucous in the sample may interfere with testing. Sample should be rejected.

The following information is provided by the test manufacturer:

Cary Blair media, used for dilution and processing of clinical stools, is screened by manufacturers for viable organisms but may not be specifically tested for microbial nucleic acids. The presence of nucleic acids at levels that can be detected by the FilmArray GI Panel may lead to false positive test results. (BioFire Technical Notes FLM1-PRT-0239-01 and QS-339B-01.)

Available STAT

No

Methodology

BioFire

CPT Code

87507 Comprehensive GI Panel

87506 Limited GI Panel