

# LabMed Report

A publication of:  
Munson Healthcare Laboratories  
Grand Traverse Pathology, PC  
Physicians Diagnostic Support Service

In this issue: **GI (Diarrhea) Testing Panel Update**

**June 2022, Volume 4**  
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- **GI (Diarrhea) Testing Panel Update**
  - A reminder that MHC now conducts all gastrointestinal (diarrhea) testing with molecular PCR testing using Biofire to run a GI panel of 20+ pathogens.
  - Although insurers previously reimbursed the 20+ pathogen GI panel, they have shifted to targeted panels except when targeted testing is not appropriate and when the patient meets certain criteria.
  - In order to improve reimbursement and reduce cost for patients, **MHC is breaking the Biofire 20+ gastrointestinal (diarrhea) testing panel into smaller, targeted panels that will be orderable as of June 15, 2022.** The targeted GI panels were developed in consultation with ID as well as referencing CDC data.
    - **GI Panel, Traveler/parasite**
      - Cryptosporidium
      - Cyclospora cayetanensis
      - Entamoeba histolytica
      - Giardia lamblia
    - **GI Panel, Viral**
      - Adenovirus F40/41
      - Astrovirus
      - Norovirus GI/GII
      - Rotavirus A
      - Sapovirus (Genotypes I, II, IV and V)
    - **GI Panel, Bacterial**
      - Campylobacter(C.jejuni/C.coli/C.upsaliensis)
      - Salmonella
      - Yersinia enterocolitica
      - Shiga-like toxin producing Escherichia coli (STEC) stx1/stx2 (including specific identification of the E coli O157 serogroup within STEC)
      - Shigella/Enteroinvasive Escherichia coli (EIEC)
    - **C diff** (always orderable separately)
  - NOTE: Although the whole GI panel will always be run, we can only officially result the pathogens listed for the ordered targeted panel. However, if a pathogen is detected that is not part of the ordered panel, we are investigating a way to convey those results as well. In other words, if a provider orders a targeted GI panel and the results are negative, the provider can assume that the larger GI panel is also negative so no additional targeted GI panels would need to be ordered.
  - Reference testing algorithms for infectious causes of diarrhea
    - [ARUP Consult: Infectious Diarrhea Testing Algorithm](#)
    - [Mayo Clinic Laboratories: Laboratory Testing for Infectious Causes of Diarrhea](#)