

LabMed Report

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In this issue: Gastrointestinal Pathogen PCR Panel

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Jen Smith MT(ASCP)
Kyle Carr, MD, Editors

Starting April 5, 2021 Munson Healthcare will be offering a Gastrointestinal Pathogen Panel by PCR for stool testing in place of traditional rapid tests or culture methods.

As of April 5, 2021 when **any** of the following tests are requested Munson Medical Center will perform a Gastrointestinal Pathogen Panel.

- Stool culture, Yersinia culture, Salmonella & Shigella culture, Enteric Pathogen culture, Enteric Pathogens by PCR, Ova & Parasite screen, Giardia antigen, Cryptosporidium antigen, Rotavirus, Norovirus, Adenovirus.

C difficile test requests that are ordered in combination with any of the above tests will be part of the Gastrointestinal Panel.

C difficile tests that are ordered as the only Stool test will be tested via the current method (EIA test with PCR confirmation if necessary)

Specimen collection will require that a raw stool and stool in a Cary Blair preservative be submitted.

This new testing will provide quicker turnaround times for stool testing and offer additional information to the provider.

Items in the Gastrointestinal panel:

Bacteria	Diarrheagenic E. coli /Shigella	Parasites	Viruses
Campylobacter	Enterotoxigenic E coli (EAEC)	Cryptosporidium	Adenovirus F 40/41
C. difficile toxin A/B	Enteropathogenic E. coli (EPEC)	Cyclospora cayetanensis	Astrovirus
Plesiomonas shigelloides	Enterotoxigenic E. coli (ETEC)	Entamoeba histolytica	Norovirus GI/GII
Salmonella	Shiga-like toxin producing E. coli (STEC) stx1/stx2	Giardia lamblia	Rotavirus A
Vibrio	E. coli 0157		Sapovirus
Vibrio cholerae	Shigella/Enteroinvasive E. coli (EIEC)		
Yersinia enterocolitica			