

## Laboratory Testing Update

**Date:** 12/6/2024

**To:** All Providers

**RE:** New test offering

Beginning **12/17/2024**, the Preferred Lab Partners on the EDG campus will begin offering the **Gastrointestinal Pathogens Panel by PCR [LAB 10072]**

**Sample Type:** Stool in enteric transport media (Cary-Blair)

**Storage/Transport:** Room temperature transport **Stability:** Ambient 4 days, Refrigerated 4 days

**Unacceptable:** Unpreserved stool. Media other than Cary-Blair, rectal swabs, frozen samples

**Expected turn-around time:** 1-3 days

Bacteria	Viruses
<i>Campylobacter</i> ( <i>C. jejuni</i> / <i>C. coli</i> / <i>C. upsaliensis</i> )	Adenovirus F 40/41
<i>Plesiomonas shigelloides</i>	Astrovirus
<i>Salmonella</i>	Norovirus GI/GII
<i>Yersinia enterocolitica</i>	Rotavirus A
<i>Vibrio</i> ( <i>V. parahaemolyticus</i> / <i>V. vulnificus</i> / <i>V. cholerae</i> )	Sapovirus (I, II, IV, and V)
<i>Vibrio cholerae</i>	
	Parasites
<b>Diarrheagenic E. coli/Shigella</b>	<i>Cryptosporidium</i>
EAEC – Enteroaggregative <i>Escherichia coli</i>	<i>Cyclospora cayetanensis</i>
EPEC – Enteropathogenic <i>Escherichia coli</i>	<i>Entamoeba histolytica</i>
ETEC – Enterotoxigenic <i>Escherichia coli</i> lt/st	<i>Giardia lamblia</i>
STEC – Shiga-like toxin producing <i>E. coli</i> stx1/stx 2	
<i>E. coli</i> . O157	
<i>Shigella</i> /Enteroinvasive <i>Escherichia coli</i> - EIEC	

The following notes should be considered before ordering:

1. Multiplexed PCR syndromic panels are indicated in the following patient populations with acute persistent diarrhea: immunocompromised patients or immunocompetent individuals most at risk for infection-associated complications, including the critically ill.
2. Testing may not be covered by your patient's insurer. At a minimum, it generally requires documentation of diarrhea for more than 7 days.
3. It is best not to order if results of testing will not impact clinical management.
4. Should not be ordered as a test of cure.
5. Ordering frequency will be limited to every 7 days for prior negative results and every 30 days for positives.

If you have additional questions about these new tests, please contact Renee Thompson, Microbiology Manager, at 859-301-2012.