
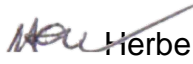




Memorandum Micro #239

To: UNC Medical Center Attending Physicians, Faculty Practice Physicians, Housestaff, Clinical Nurse Coordinators, Department Heads and Supervisors

From:  Melissa B. Miller, PhD
Director, UNCCMC Microbiology and Molecular Microbiology Laboratories

 Herbert C. Whinna, MD, PhD
Medical Director, McLendon Clinical Laboratories
and Hillsborough Hospital Laboratories

Date: October 21, 2024

Subject: Laboratory Diagnosis of Gastrointestinal Pathogens – CHANGES IN TESTING

Effective 10/23/24, the UNC Medical Center Clinical Molecular Microbiology Laboratory will change the multiplex molecular test it uses to detect gastrointestinal pathogens from stool. The new test is the QIAstat-Dx Gastrointestinal Panel 2 (GIP). The GIP test is FDA-cleared for the detection of the following pathogens:

Bacteria	<i>Campylobacter</i> spp. (<i>C. jejuni</i> , <i>C. coli</i> , and <i>C. upsalensis</i>)
	Enteropathogenic <i>E. coli</i> (EPEC)
	Enterotoxigenic <i>E. coli</i> (ETEC)
	Shiga toxin-producing <i>E. coli</i> (STEC), including O157
	Shigella/Enteroinvasive <i>E. coli</i> (EIEC)
	<i>Salmonella</i>
	<i>Plesiomonas shigelloides</i>
<i>Yersinia enterocolitica</i>	
Viruses	Enteric adenoviruses (40/41)
	Astrovirus
	Norovirus GI/GII
	Rotavirus A
Parasites	<i>Cryptosporidium</i>
	<i>Cyclospora cayetanensis</i>
	<i>Entamoeba histolytica</i>
	<i>Giardia lamblia</i>

There is no change to ordering or collection. The GIP can be ordered in EPIC as “GI Pathogen Panel” or LAB6053. Only one specimen per patient per symptomatic episode will be accepted, and no more than one per 7 days. Additional test information, including collection information, E.coli resulting, and test limitations, can be found on the McLendon Clinical Laboratories Website: [GI Pathogen Panel](#).

Questions can be directed to the Molecular Microbiology Laboratory at 984-974-1820 or Dr. Melissa Miller at Melissa.Miller@unchealth.unc.edu.