

Laboratory Technical Bulletin

Date: May 10, 2021

Effective Date: May 11, 2021

Title: Helicobacter pylori Stool Methodology Change

Test: Helicobacter pylori, Stool

Explanation of change:

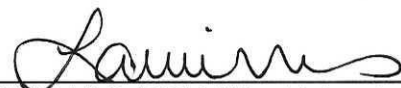
Mayo Clinic Laboratories has changed the methodology for stool H. pylori testing from antigen to molecular. The molecular test has increased sensitivity and predicts clarithromycin resistance.

Confirmation of eradication testing should not be ordered until 4 or more weeks after cessation of treatment.

	Old	New
Method	Helicobacter pylori Antigen, Fecal by EIA	Helicobacter pylori with Clarithromycin Resistance Detection, PCR, Feces
Patient Preparation	Proton pump inhibitors, histamine H2preceptor antagonists and other antacids, as well as antibiotics and bismuth compounds, should be discontinued at least 2 weeks prior to testing.	Proton pump inhibitors, histamine H2preceptor antagonists and other antacids, as well as antibiotics and bismuth compounds, should be discontinued at least 2 weeks prior to testing.
Collection	Stool (unpreserved)	Stool (preserved in Cary-Blair vial within 2 hours of collection)
Ordering	Helicobacter pylori Ag, F (EIA) FHPAF	H pylori & Clarithro Res PCR HPFRP
Stability	Frozen (preferred) 30 days Refrigerated 4 days	Refrigerated (preferred) 7 days Frozen 7 days

Please contact the Laboratory at (607)274-4474 with any questions and/or to obtain collection supplies.

 _____ Date 05/11/21
Dr. Elizabeth Plocharczyk, Laboratory Medical Director

 _____ Date 5/11/21
Laurie Mras MLS ASCP, Microbiology Lab Manager