

Pancreatic Elastase and *H. pylori* Antigen

Commencing **March 12, 2025**, the Special Chemistry section of the clinical laboratory at William Beaumont University Hospital will perform **Fecal Pancreatic Elastase** and ***H. pylori* Stool Antigen** testing on the DiaSorin Liaison XL chemiluminescent platform. Information about each test is provided below.

Fecal Pancreatic Elastase

- Clinical utility: To aid in the diagnosis of exocrine pancreatic insufficiency.
- Intended use: For the quantitative determination of pancreatic elastase in human stool.
- Reference intervals and test interpretation:

Elastase (mcg/g)	Interpretation
< 100	Severe exocrine pancreatic insufficiency.
100-199	Mild to moderate exocrine pancreatic insufficiency.
≥ 200	Normal exocrine pancreatic function.

- Ordering and specimen collection requirements:
 - a. Epic test code: LAB1231870
 - b. Collect: Random stool specimen in sterile collection container without preservatives.
 - c. Transport: Refrigerated

***H. pylori* Stool Antigen**

- Clinical utility: To aid in the diagnosis of patients suspected of *H. pylori* infection. The test can also be used to assess response to antimicrobial treatment after discontinuation of treatment for at least 4 weeks.
- Intended use: For the qualitative determination of *Helicobacter pylori* antigen in human stool.
- Test interpretation:

<i>H. pylori</i> Antigen Result	Interpretation
Negative	Indicates absence of <i>H. pylori</i> stool antigen.
Equivocal	Collect a new specimen for repeat testing if clinically indicated.
Positive	Indicates presence of <i>H. pylori</i> stool antigen.

- Ordering and specimen collection requirements:
 - a. Epic test code: LAB880
 - b. Collect: Random stool specimen in sterile collection container without preservatives.
 - c. Transport: Refrigerated

For additional information, access the Laboratory Test Directory at:

<http://beaumontlaboratory.com/test-lab-directory>

Date submitted: February 4, 2025

Submitted By: Gabriel Maine, PhD
Caitlin Schein, MD
Pathology & Laboratory Medicine, CHE