

## **Discontinuation of Rapid *H. pylori* urease (CLOtest)**

**Effective 7/25/22**

**Alternate testing: LAB3829 *H. pylori* Stool Antigen  
LAB7427 *H. pylori* Breath test  
LAB3802 *H. pylori* Antibody  
-or- Biopsy specimen for pathology**

### **Why?**

- Sparse utilization
- Difficulty in maintaining reagent on-site
- Wide availability of multiple non-invasive testing alternatives
- Current urease (SN, SP: 90, 95%).
- Improved sensitivity and specificity on biopsy samples (SN, SP:95%, 98%).

### **Ideal alternative: Endoscopic Biopsy**

If testing is needed via biopsy instead of other non-invasive tests, biopsy samples can be sent to the pathology lab for analysis in formalin. These samples will be evaluated for *H. pylori*.

**Noninvasive testing alternative** — Noninvasive tests for the diagnosis of *H. pylori* include urea breath testing (UBT), stool antigen testing, and serology. Of these, UBT and stool antigen assay are tests of active infection. *H. pylori* serology can be positive in patients with an active or prior infection.

The detection of stool antigen indicates an ongoing *H. pylori* infection. Stool antigen testing can therefore be used to establish the initial diagnosis of *H. pylori* and to confirm eradication. Of the available tests, stool antigen testing is the most cost effective in areas of low to intermediate prevalence of *H. pylori*.

### **References:**

[Indications and diagnostic tests for Helicobacter pylori infection in adults - UpToDate](#)

#### **Inquiries can be directed to:**

Sajini Mathew MD, TriHealth Laboratories Medical Director, at [sajini\\_mathew@trihealth.com](mailto:sajini_mathew@trihealth.com)  
Irene Hemphill, TriHealth Microbiology Technical specialist at [irene\\_hemphill@trihealth.com](mailto:irene_hemphill@trihealth.com)