



# breathID<sup>®</sup>

## IDkit Hp™ One

A non-invasive urea breath test for the detection of *H. pylori*

## Immediate Results to Diagnose and Confirm Eradication of *H. pylori*

With market-leading accuracy, BreathID<sup>®</sup> urea breath testing is an intuitive and patient-friendly test for *H. pylori* detection and eradication confirmation post-treatment.

***H. pylori* causes greater than 85% of gastric and duodenal ulcers and is the strongest known risk factor for stomach cancer.**<sup>1,2,3</sup>

- The CDC estimates 1 out of every 3 patients is infected with *H. pylori*, one of the world's most common bacterial infections.<sup>1,4</sup>
- *H. pylori* is easily transmittable, can be contracted repeatedly, and clusters within families.<sup>5</sup>
- With *H. pylori* being genetically adaptable, growing in antibiotic resistance, and now with greater than 25% treatment failure rate, detecting and diagnosing active infection is critical — as is confirming eradication.<sup>6,7</sup>
- Nearly a third of patients on chronic PPI therapy are *H. pylori* positive, at additional risks long-term, and should be appropriately tested and treated.<sup>8</sup>

**Improve patient satisfaction by testing and treating the same day. Are your patients ready to start feeling better faster?**

- Serology antibody testing is not clinically recommended and cannot accurately detect whether infection is active or not (many insurance companies are no longer reimbursing for serology *H. pylori* testing). Is your office testing within clinical guidelines?
- What impact would an in-office, one-touch platform that provides immediate results with strong reimbursements have on your patients?

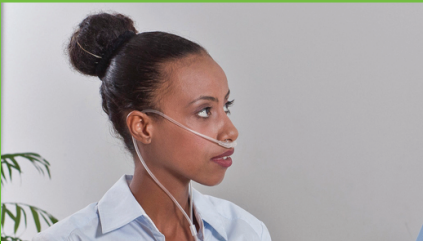
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LIFE DISCOVERED. LIFE DIAGNOSED.

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## From start to finish in 3 easy steps

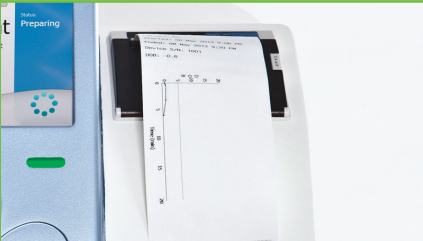
10-15 minutes to diagnose *H. pylori*



**1** Patient breathes normally via nasal cannula



**2** Patient drinks <sup>13</sup>C-Urea substrate as instrument continuously analyzes breath sample



**3** Diagnosis is complete in as little as 10 minutes

## Kit Contents

- Nasal cannula
- 75mg <sup>13</sup>C-urea tablet
- 4.3g package of Citrica (citric acid)
- Straw
- Package Insert

## Product Specifications

To aid in the initial diagnosis and post-treatment confirmation of eradication of *H. pylori* infections in adult patients and pediatric patients (aged 3 – 17 years) through non-invasively measuring changes in the <sup>13</sup>CO<sub>2</sub> / <sup>12</sup>CO<sub>2</sub> ratio of exhaled breath.

### Turnaround Time

10-15 minutes

### Sample Type

Breath

### Collection Method

Continuous monitoring of patient breath through nasal cannula

### Kit Storage

Room temperature (15-30C)

### Performance

Adults

**100%** Sensitivity

**99.2%** Specificity

Pediatrics

**93.3%** PPA

**100%** NPA

### Shelf Life

36 months

### Catalog Number

AC00051

### CPT Code

83013 (analysis)

83014 (collection)

## References

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3. American Cancer Society, "Key Stomach Cancer Statistics," <https://www.cancer.org/cancer/stomach-cancer/about/key-statistics.html>
4. Chey WD, Wong BCY; Practice Parameters Committee of the American College of Gastroenterology. American College of Gastroenterology guideline on the management of *Helicobacter pylori* infection. *Am J Gastroenterol.* 2007;102(8):1808-1825.
5. Kivi M, Tindberg Y. *Helicobacter pylori* occurrence and transmission: a family affair? *Scand J Infect Dis.* 2006;38(6-7):407-417
6. Chu Y-T, Wang Y-H, Wu J-J, Lei H-Y. Invasion and multiplication of *Helicobacter pylori* in gastric epithelial cells and implications for antibiotic resistance. *Infect Immun.* 2010;78(10):4157-4165.
7. Kimberlin DW, Long SS, Brady MT, Jackson MA, eds. Red Book 2015: Report of the Committee on Infectious Diseases 30th edition. Elk Grove Village, IL: American Academy of Pediatrics; 2015:379-381
8. Heidelbaugh JJ, et. Al. Overutilization of proton-pump inhibitors: what the clinician needs to know. *Therap Adv Gastroenterol.* 2012 Jul; 5(4): 219-232.

Ready to get a handle on *H. pylori* testing? Let's talk.

Contact a specialist at 1-888-763-6769.

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