CLOTEST®
Rapid Urease Test

THE “GOLD STANDARD”
AMONG UREASE TESTS

The CLOtest® Rapid Urease Test is recognized by medical professionals as the “Gold Standard” among urease tests because of its accuracy, convenience and affordability. CLOtest® Rapid Urease Test was developed by Barry Marshall, M.D. who, along with Robin Warren, M.D., was the first to discover the correlation between Helicobacter pylori and gastric ulcers. Today, CLOtest® Rapid Urease Test has become the most widely used rapid urease test worldwide for the diagnosis of H. pylori.

One of the most common chronic infections worldwide, H. pylori is associated with 95% of duodenal ulcers and 80% of gastric ulcers. Clinical studies have shown that eradicating H. pylori is effective in eliminating or reducing the recurrence of ulcers and may also lower the risk of gastric cancer. The National Institutes of Health recommends testing for H. pylori in all patients with gastric or duodenal ulcers.

CLOTEST® RAPID UREASE TESTS FEATURE:

Accuracy
• 98% sensitivity and 97% specificity†
• Diagnosis of 75% of H. pylori infections with no false positives within 20 minutes††
• Bacteriostatic agent in gel to ensure a lower incidence of false positives

Convenience
• Easy to read color changes
• CLIA waived

Affordability
• Less expensive diagnosis than culture or histology

†† - see charts on reverse side
In a U.S. study of 122 consecutive routine endoscopy patients, Dye et al took separate antral biopsies for histology (Giemsa Stain) and CLOtest*. Eighty-two of these patients also had specimens cultured.

CLOtest* will diagnose 75% of *H. pylori* infections with no false positives within 20 minutes. Within one hour, 85% of positive patients will be detected by CLOtest*, at 3 hours, 90% are detected, and between 3 and 24 hours another 5% of patients will be detected by CLOtest*.

### COMPARISON TO OTHER DIAGNOSTIC METHODS

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
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<tbody>
<tr>
<td>Rapid Urease:</td>
<td>Comparable to histology in accuracy but much less expensive and more timely</td>
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<tr>
<td>(CLOtest*)</td>
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<tr>
<td>Culture:</td>
<td>Expensive, not timely, useful for antibiotic sensitivities</td>
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<tr>
<td>Histology:</td>
<td>Accuracy depends on experience and appropriate stains, relatively expensive</td>
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<tr>
<td>Serology:</td>
<td>Does not define current <em>H. pylori</em> activity and less accurate than histology or rapid urease testing</td>
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For more information for clinicians and product code ordering information, please visit: [www.halyardhealth.com/digestivehealth](http://www.halyardhealth.com/digestivehealth)

Call 1-844-HALYARD (1-844-425-9273) in the United States and Canada.