



KIMBERLY-CLARK* CLOtest* Rapid Urease Test

The "gold standard" among urease tests.

The KIMBERLY-CLARK* CLOtest* Rapid Urease Test is recognized by medical professionals as the "Gold Standard" among urease tests because of its accuracy, convenience and affordability. CLOtest 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 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% specificity¹
- Diagnosis of 75% of *H. pylori* infections with no false positives within 20 minutes²
- 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

The KIMBERLY-CLARK* CLOtest* Rapid Urease Test is just one of the digestive health solutions that you can depend on to meet the demands of your fast-paced world.

Whether your needs involve preventing healthcare-associated infections, surgical and digestive solutions, or pain management, with Kimberly-Clark you'll always have one less worry.

^{1, 2} - see charts on reverse side



Barry Marshall, M.D.



Trusted Clinical Solutions*

KIMBERLY-CLARK* CLOtest* Rapid Urease Test

1 Accuracy

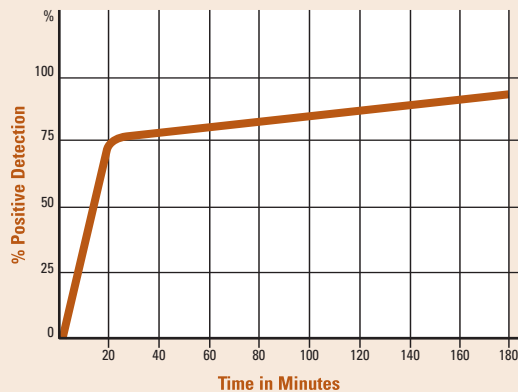
Similar results have been documented in the United States and Europe

	sensitivity	specificity
CLOtest	98%	97%
Histology	91%	100%
Culture	70%	100%

In a U.S. study of 122 consecutive routine endoscopy patients, Dye et al³ took separate antral biopsies for histology (Giemsa Stain) and CLOtest. Eighty-two of these patients also had specimens cultured.

2 Reaction Time

271 Consecutive Patients
158 Hp + 113 Hp-



CLOtest will diagnose 75% of *H. Pylori* infections with no false positives within 20 minutes⁴. 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

Rapid Urease: Comparable to histology in accuracy but much less expensive and more timely
(CLOtest)

Culture: Expensive, not timely, useful for antibiotic sensitivities

Histology: Accuracy depends on experience and appropriate stains, relatively expensive

Serology: Does not define current *H. pylori* activity and less accurate than histology or rapid urease testing



Commitment to Excellence

If, for any reason, our products do not meet your expectations, please let us know your comments or suggestions for improvement. Your input will result in a concerted effort on our part to meet your requirements. Our goal is to provide quality products that completely meet your needs time after time.

For more information, please call your sales representative, or visit our web site at www.kchealthcare.com.

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KIMBERLY-CLARK* - CLOtest* Rapid Urease Test

Stock #	Description	Packaging
60407	Jack Bean Urease Control Tablets, Positive Control for CLOtest*	50 Each
60480	CLOtest* Rapid Urease Test	25 Each

³ - Dye KD, Marshall MJ, Frierson HF, Barrett LJ, Guerrant RL, McCallum RW. Is CLOtest alone adequate to diagnose *Campylobacter pyloridis*. Am J Gastroenterol 1988; 83: 1032 (abstract).

⁴ - Marshall BJ, Warren JR, Francis GJ, Langton SR, Goodwin CS, Blincow E. Rapid Urease test in the management of *Campylobacter pyloridis*- associated gastritis. Am J Gastroenterol 1987; 82(3) 200-210.

 **Kimberly-Clark**

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