

Clarithromycin, Quinolone-Resistant and Non-Resistant Helicobacter Pylori Nucleic Acid Amplification Test Kit

Fluorescent Probe-Based Real-Time PCR Assay

Why do we test Helicobacter Pylori?

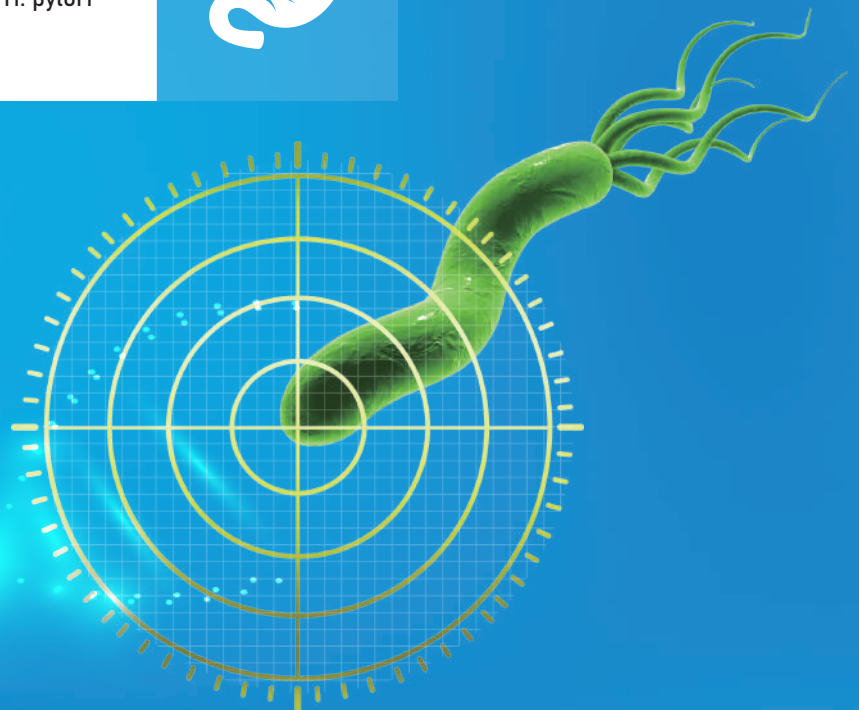
About 50% of people in the world have a history of Helicobacter Pylori infection; The Maastricht V/Florence Consensus Report pointed out “H. pylori infection is accepted as the major aetiological factor for gastric cancer, and H. pylori eradication reduces the risk of gastric cancer development.”

Why is it important to detect Helicobacter pylori antibiotic resistance?

Due to the extensive use of antibiotics, H pylori resistance strains are widespread; The Maastricht V/Florence Consensus Report recommended performing clarithromycin susceptibility testing by the molecular test directly.

Test Principle

This kit uses polymerase chain reaction (PCR) based on TaqMan fluorescent probe technology to identify H. pylori and antibiotic-resistant mutations.



Comparison of eradication rate with susceptible strains and resistant strains after 14 days of treatment.

Treatment protocol	Susceptible strains	CAM and/or LVX Resistant strains
Standard triple therapy Levofloxacin triple therapy Bismuth quadruple therapy	Eradication rate > 95%	Eradication rate < 50%

Accurate and quick identification of infection and antibiotic resistance of H.pylori will help physicians and patients to:

- Select effective antibiotics and treatment strategies to eradicate H.pylori.
- Reduce the cost of diagnosis and treatment of H. pylori infection.
- Avoid dysbiosis due to multiple antibiotics and prolonged treatment duration.
- Prevent future antibiotic resistance due to the failure of first line treatment.

Product Features

3 in 1 Detection

Detects non-mutated H. pylori, Clarithromycin and Quinolone antibiotic-resistant H. pylori simultaneously in a single tube.

Reliable Results

Internal control is included in each tube monitoring whole testing process and avoiding false-negative results.

Rapid Diagnosis

Amplification time is within 2 hours.

Anti-contamination

UNG/dUTP system can minimize PCR contamination.

Additional Antibiotic Diagnosis Capacity

Other antibiotic resistance, such as Amoxicillin, Tetracycline, and Furazolidone can be customized according to the demand.

Ordering Information

Cat No.	Product Name	Specimen	Specification	Certification
B052T010B0C2	Clarithromycin, Quinolone Resistant and Non-Resistant Helicobacter Pylori Nucleic Acid Amplification Test Kit	Gastric mucosal biopsy	10 Tests/Box	CE
B052T050B0C2			50 Tests/Box	
B05201T2048		Feces	48 Tests/Box(lyophilized)	
B05201T2096			96 Tests/Box(lyophilized)	