



HELICOBACTER PYLORI - Test Code 2010



Turnaround Time: 3-5 business days



Specimen Type: Stool Kit

Description

The Helicobacter pylori (H. pylori) test is a non-invasive method that uses polymerase chain reaction (PCR) technology to detect the genetic material of H. pylori in a stool sample. H. pylori is a bacterium linked to conditions such as gastritis, peptic ulcers, and an increased risk of stomach cancer (Sharndama & Mba, 2022). Testing for H. pylori is crucial, as many individuals may carry the infection without immediate symptoms, which can later lead to more severe gastrointestinal issues like chronic inflammation and ulceration (Sharndama & Mba, 2022).

PCR testing is highly sensitive and specific, enabling accurate detection of H. pylori even in low concentrations, making it a preferred method for initial identification and post-treatment monitoring. This test is especially helpful for those who cannot undergo invasive procedures, such as endoscopy. Collecting a stool sample is simple and can often be done in the comfort of your own home. Once the sample is provided, laboratory analysis identifies the presence of H. pylori DNA, confirming active infection.

Detecting H. pylori through stool PCR allows healthcare providers to develop targeted treatment plans, typically involving a combination of antibiotics and acid suppression therapy to eradicate the infection effectively.

Whats included?

- Helicobacter pylori

Conditions and Symptoms

- Upper abdominal pain
- Excessive bloating & belching
- Nausea
- Loss of appetite
- Unexplained weight loss
- Heartburn or acid reflux
- Dark stools
- Peptic Ulcers

Complementary Testing

- CDSA Level 1 (Test code 2003)
- Faecal DNA Multiplex PCR (Test code 2002)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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