

DID YOU KNOW ?



H. pylori Infection



Overview

- *H. pylori* (*Helicobacter pylori*) are **bacteria** known for **causing infections in the stomach or duodenum**. They can also provoke inflammation and irritation of the stomach lining, a condition known as **gastritis**.
- If left untreated, a chronic *H. pylori* infection may escalate to stomach cancer, although this is rare.
- The prevalence of *H. pylori* bacteria spans from **50% to 75%** across the global population, predominantly affecting children.
- Symptoms associated:
- Burning sensations in the stomach, unintentional weight loss, bloating, nausea, vomiting, indigestion, burping, loss of appetite, and dark stools.

What's the association between *H. pylori* infection and stomach cancer?

If you have an *H. pylori* infection, you have an **increased risk for stomach cancer** later in life. If you have a strong family history of stomach cancer and other cancer risk factors, even though you may not have symptoms of a stomach ulcer, your healthcare provider may recommend being tested for *H. pylori* antibodies.

Current *H. pylori* diagnosis

Urea Breath Test

- Drink a specialized solution containing a substance that is broken down by the *H. pylori* bacterium. The breakdown products can be detected in your breath.

Blood test

- To detect specific antibodies (proteins) that the body's immune system develops in response to the *H. pylori* bacterium.





**NEW TEST
LAUNCH!**

**Tested Positive for *Helicobacter pylori*?
Need extra confirmation on the risk of gastric cancer?**



Introducing our GASTROClear test!

- **World's first molecular blood test** for early detection of gastric cancer
- Designed **to detect gastric cancer** in people who may not yet be experiencing any symptoms.
- Clinically validated to detect **87.5% of Stage 1 gastric cancers and 89.5% of Stage 2 gastric cancer.**
- Has **CE-IVD marking and approval for diagnostic use** by the Health Sciences Authority of Singapore



Gastric Cancer

SPECIAL DETECTION



- Measure the **levels of microRNA** in the blood **that are associated with gastric cancer.**
- Allows doctors to **assess the risk of gastric cancer**, and help patients manage that risk and take action early for the best possible outcome.
- **Minimally invasive.**
- **Time-efficient screening method.**
- **TAT: 10 days.**
- **No fasting** is required.



Scan QR code for
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<https://lab-e.my>

Who is GASTROClear intended for?



Medical history

- Family history of gastric cancer
- History of *Helicobacter pylori* infection: (+ve UBT, +ve *H. pylori* IgG)
- Previous history of stomach lymphoma and stomach polyps
- Long-term stomach inflammation (chronic gastritis)

Lifestyle habits

- Diets containing large amounts of fried food, smoked foods, salted fish, processed meat, and pickled foods
- Diet low in fruits and vegetables
- Smoking

