H. pylori Ag Cassette FAQ

Frequently Asked Questions (FAQ)

Q: How does the test work?

A: The *H. pylori* Antigen Rapid Test Cassette (Feces) is a qualitative, lateral flow immunoassay for the detection of *H. pylori* antigens in human feces specimens. In this test, the membrane is pre-coated with anti-*H. pylori* antibodies on the test line region of the test cassette. The mixture migrates upward by capillary action to react with anti-*H. pylori* antibodies on the membrane and generate a colored line. The presence of this colored line in the test line region indicates a positive result, while its absence indicates a negative result. To serve as a procedural control, a colored line will always appear in the control line region indicating that proper volume of specimen has been added and membrane wicking has occurred.

Q: What can this test help diagnose?

A: This test will help diagnose *H. pylori* infection. This infection may cause:

- Ulcers
- Inflammation of the Stomach Lining
- Stomach Cancer

Q: What is the difference between an antibody test and an antigen test for *H. Pylori*?

A: The antibody test for *H. pylori* is performed on serum, plasma, or whole blood. This test would detect antibodies from a current or previous infection. The *H. pylori* antigen test is performed on feces and would only detect a current infection.

Q: How accurate is the test?

A: The *H. pylori* Antigen Rapid Test Cassette (Feces) has been compared with Elisa methods, demonstrating an overall accuracy of 99%. It features a relative sensitivity of 99% and relative specificity of 98.9%.

Q: Are there any patient restrictions?

A: Following certain antibiotic treatments, the concentration of *H. pylori* antigens may decrease to the concentration below the minimum detection level of the test. Therefore, diagnosis should be made with caution during antibiotic treatment.

Q: How do I know that the test was run properly?

A: The appearance of a colored line at the Control Line region tells you that you followed the test procedure properly and the proper amount of sample was used.

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