

RAPID UREASE TEST KIT OF H.PYLORI

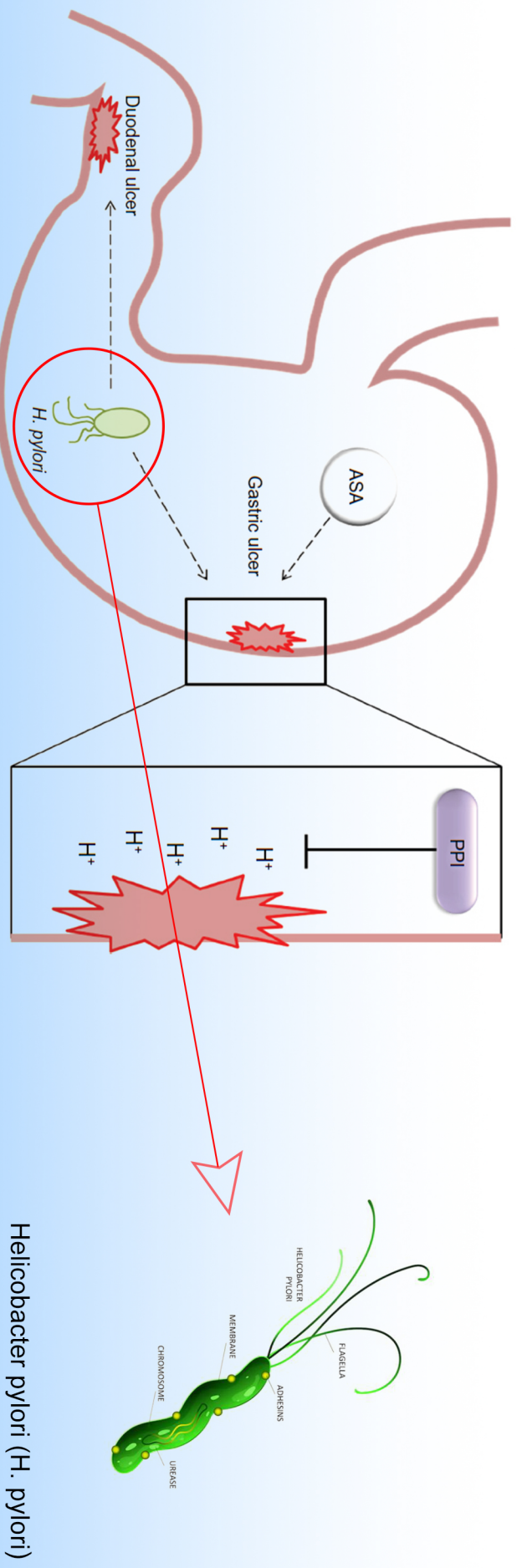
REF-6L-0025



H-P TEST KIT

Helicobacter pylori are an important pathogen in humans and animals involved in chronic gastritis, leading to the development of gastric cancer. Urease produced by *H. pylori* is an enzyme that promotes bacterial colonization and can be used clinically as a biomarker of *H. pylori* infection as part of a rapid urease test (RUT). A test with high specificity (95-100%) would be more convenient and faster than histopathology, bacterial culture, and polymerase chain reaction (PCR). The aim of this study was to develop a simple, cheap, and fast kit for detecting *H. pylori* infection in the gastric mucosa of canines, which can be used in clinical practice for diagnosing infection with this bacterium.

The device is intended for single use and is supplied sterile. Helicobacter Pylori Test known as an upper endoscopy exam. During the exam, your doctor threads a long flexible tube equipped with a tiny camera (endoscope) down your throat and esophagus and into your stomach and duodenum. This instrument allows your doctor to view any irregularities in your upper digestive tract and remove tissue samples (biopsy). These samples are analyzed for *H. pylori* infection.



PRODUCT SPECIFICATION

The LENUS HELICOBACTER PYLORI TEST KIT is used to analyze for H. pylori infection (stomach lining causing inflammation and sometimes ultimately ulcers).

H. pylori can be diagnosed from biopsies (samples) of the stomach wall taken during an investigation known as endoscopy or gastroscopy. During a gastroscopy, a small flexible tube is passed through the mouth, down the gullet (esophagus) and into the stomach, allowing a doctor to view the esophagus, duodenum and stomach. A small piece of the stomach lining can be removed and then tested for the H. pylori bacteria through the test kit.



SPECIFICATION DETAILS

Product Type: RUT

Result Time: 2-3 minutes

Sample Volume: 1 gm

Sample diluent: sterile water

PROCEDURE GUIDE

- » A Biopsy specimen for H-P Test Slide may be taken as soon as the endoscopist has examined the stomach. .
- » The usual area to biopsy is the sump of the antrum, along the greater curve.
- » The standard biopsy size (2-3mm Diameter).
- » Peel back the table of the H-P Test Slide and Introduce the biopsy in the exposed yellow media and add one drop sterile water (Distilled Water).
- » Then after the covering sticker as before.
- » The color change from yellow to pink or red then called ph. (H. pylori positive)

READING THE RUT DRY:

- » Observe the dot color change from yellow to pink or red at 2 minutes to 10 minutes (intervals time 4 hours).
- » If color change yellow to pink or red then result is positive (+Ve).