

# HelicotecUT<sup>®</sup> Plus

Rapid Urease Test for the diagnosis of *Helicobacter pylori*



**CAMPRO**  
**SCIENTIFIC**

## ■ Advantages at a glance

- Unique results within 5 minutes to 1 hour
- Easy-to-use and easy-to-store at room temperature
- High sensitivity and specificity
- Applicators included for convenient usage
- Clear, rapid and accurate results

## ■ Measuring principle

*Helicobacter pylori* produces large amounts of urease enzyme.

The HelicotecUT® Plus test paper detects the pH shift and changes its color resulting from the breakdown of urea by urease into ammonia.

## ■ Easy to use



## ■ Clear result within 5 minutes to 1 hour

Reaction	5 mins	30 mins	1 hour	1 hour	1 hour	1 hour
Color of Ring	Magenta	Magenta	Magenta	Dark Pink	Light Pink	Yellow
Urease Activity	++++	++++	+++	++	+	-

In most cases, positive results will appear in 5 to 30 minutes, while weakly positive results may take as long as an hour to develop.

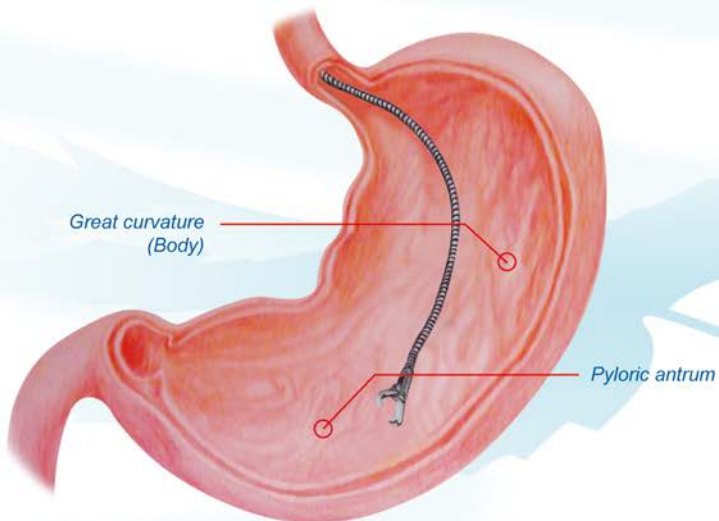
## ■ Storage

HelicotecUT® Plus is stable for 30 months at room temperature in a cool and dry place.

Clinical reports show that chronic infection with *Helicobacter pylori* has 60 % - 90 % possibility of leading to peptic ulcer, gastritis, and duodenitis. The International Agency for Research on Cancer (IARC) under World Health Organization (WHO) also categorizes *Helicobacter pylori* as a group I carcinogen. *HelicotecUT*® Plus is designed to support early detection and treatment of *Helicobacter pylori*, which is highly recommended by IARC.

#### ■ Gentle Reminder

1. Patients should not ingest any antibiotics or bismuth salts for at least 4 weeks, nor proton pump inhibitors (PPIs) for 2 weeks prior to the biopsy<sup>(1)</sup>.
2. Two biopsy specimens taken from both the antrum and the great curvature (body) of the stomach are recommended to enhance the diagnostic accuracy and reduce the reaction duration of Rapid Urease Test, especially for patients with recurrent infection<sup>(2)</sup>.
3. Ensure the size of each specimen is 2-3 mm to maximize the accuracy and precision of diagnosis.
4. Before handling the applicator, ensure the surface contacting the applicator is clean and without any residue from detergent, disinfectant or tissue fluid.



<sup>(1)</sup> Management of *Helicobacter pylori* infection - the Maastricht IV / Florence Consensus Report (2012).

<sup>(2)</sup> D.C. Wu et al., Dual Specimens Increase the Diagnostic Accuracy and Reduce the Reaction Duration of RUT. *World J. Gastroenterology* 2010, June 21; 16 (23): 2926-2930.

Strong Biotech Corporation was founded in Taiwan in 2000 and is ISO 13485:2003 certified. Through an optimized production system and quality management program, Strong Biotech is able to offer the best quality in vitro diagnostic products.



■ Distributor

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