

medilines

H Pylori Colour

DESIGN TO DEMONSTRATE

in Gastric.

Helicobacter Pylori infected tissue and Mucin

REAGENTS & PREPARATIONS

Pylori Solution 1:	Ready to use
Pylori Solution 2:	Ready to use
Pylori Solution 3:	Ready to use
Pylori Solution 4:	Ready to use

TISSUE SAMPLE

4-5µ paraffin sections of 10% neutral buffered formalin.

STAINING PROCEDURES

1. Remove Paraffin through xylene, rehydrate through graded ethanol and bring sections to distilled water just prior to staining.
2. Place into **Pylori Solution 1** for 5 minutes
3. Wash in running tap water for 30 seconds and rinse in distilled water.
4. Place into **Pylori Solution 2** for 15 minutes.
5. Wash slides in running tap water for 5 minutes until pink..
6. Place into **Pylori Solution 3** for 5 minutes.
7. Wash slides well in running tap water
8. Place into **Pylori Solution 4** for 1-2 minutes.
9. Rinse well with distilled water
10. Dehydrate up through graded ethanol to absolute ethanol.
11. Clear in xylene and mount with a resinous medium.

Expected results

- | | |
|----------------|-------|
| ➤ Mucin | –Pink |
| ➤ Helicobacter | –Blue |

Positive Controls

Gastric biopsy known to contain H. Pylori

Notes

1. Kit may be used on formalin fixed paraffin-embedded tissue as well as frozen sections.

Reference

Cohen LF, Sayeeduddin MHT, Phillips C.

A new staining method for identification of *Helicobacter pylori* and simultaneous visualization of gastric morphologic features. *Modern Pathology* 1997; v. 10, No. 11, pp. 1160-1163.