A-117 A NEW STAINING METHOD FOR IDENTIFICATION OF HELICOBACTER PYLORI AND SIMULTANEOUS VISUALIZATION OF GASTRIC MORPHOLOGIC FEATURES

FIXATION: Formalin
SECTION: 4 microns, paraffin embedded

STAINING PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. Oxidize in Periodic Acid, 0.5% Aqueous (A-117-1), for one minute.
3. Rinse well in running tap water for 2 minutes.
4. Rinse in distilled water.
5. Place in Coleman’s Feulgen (A-117-2), for 2 minutes.
6. Rinse well in tap water, and then distilled water.
7. Stain in Mayer’s Hematoxylin (A-117-3), for 2 minutes.
8. Rinse well in tap water.
10. Dehydrate in 2 changes of 95% alcohol, rinse in 2 changes absolute alcohol, and 2 changes of Xylene.

RESULTS:

Helicobacter Pylori...........................................bright blue
Mucin..............................................................magenta
Gastric cells, neutrophils and lymphocytes...........dark blue

REFERENCES: