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**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.
9. Stain in **Methylene Blue Working** (A-117-4), for one minute.
10. Dehydrate in 2 changes of 95% alcohol, rinse in 2 changes absolute alcohol, and 2 changes of Xylene.
11. Mount with **Permunt** (M-18).

RESULTS:

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

REFERENCES:

Cohen, Lisa F., M.D., Mohammad Sayeeduddin, H.T. (A.S.C.P.), Carolyn Phillips, M.D., Imran Shahab, M.D., Modern Pathology, 1997; Vol. 10, No. 11: 1160-1163.