

## **A-114 MAY GRUNWALD GIEMSA FOR H-PYLORI**

**Fixation:** 10% Buffered Neutral Formalin (F-113).

**Sections:** 3 microns.

**Procedure:**

1. Deparaffinize and hydrate to distilled water.
2. Place promptly in **Methanol** (methyl alcohol SO-372), two changes, and three times each.
3. Stain in Jenner's working solution for 6 minutes.  
To prepare working solution mix:  
1 part **Jenners Stain** (A-114-1).  
1 part Distilled water. Prepare fresh!
4. Stain in Working Geimsa solution for 10 minutes.  
To prepare working solution mix:  
2.5 ml **Geimsa Stock** (A-114-2).  
50 ml Distilled water. Prepare fresh- do not reuse!
5. Differentiate in **Acetic Acid, 0.1%** (A-114-3), one slide at a time, gently agitate, checking often under microscope until defined.  
DO NOT OVER DIFFERENTIATE!
6. Dehydrate quickly in **tert-Butyl Alcohol** (D-50) to **Xylene** (C-120).
7. Mount with **Permunt** (M-18).

**Stain Results:**

H-pylori	Blue
Background	Light purple

**References:**

**Carson, F. Histotechnology: A Self-Instructional Text. 1980-109.**