F-383 GOMORI’S ONE STEP TRICHROME METHOD

FIXATION: 10% BUFFERED NEUTRAL FORMALIN (F-113)
SECTION: Paraffin @ 6 microns

STAINING PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. Place in Bouin’s Solution, (F-383-4) @ 56º C for 1 hour. Wash well in running water until yellow color disappears.
4. Gomori’s Trichrome Stain with Light Green, (F-383-1) or Gomori’s Trichrome Stain with Aniline Blue, (F-383-1A) for 15 to 20 minutes.
5. Place in Acetic Acid, 0.5%, (F-383-5) for 2 minutes. If sections are too dark, differentiate in Acetic-Phosphotungstic Acid Solution, (F-383-6). Rinse in Distilled water.
6. Dehydrate in 95% alcohol, absolute alcohol, and clear in Xylene, (C-120) two changes each. Mount.

RESULTS:

Muscle Fibers……………………………………..red
Collagen………………………………………..green
Nuclei………………………………………….blue to black

REFERENCES:


GOMORI TRICHROME STAIN
Adapted for Stool

REAGENT REQUIRED: A. Gomori’s Trichrome Stain (F-383-1) or (F-383-1A)
B. Acetic Acid, 0.2%, Aqueous, (SO-250)

METHOD:

1. Smear of stool or sections of tissue, not more than 5mm thick, prior stained in Hematoxylin followed by water rinse.
2. Reagent A for 5-20 minutes followed by water rinse.
3. Reagent B followed by water rinse.
4. Canada Balsam via usual reagents.