F-380 FRASER-LENDRUM METHOD FOR FIBRIN

FIXATION: Zenker’s

SECTION: Paraffin @ 6 microns

STAINING PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. Place in Gram’s Iodine, (F-380-8A), or Lugol’s Iodine (F-380-8) for 15 minutes. Rinse in running water.
3. Clear with Sodium Thiosulfate, 5%, Aqueous (F-380-9) for 3 minutes. Wash in running water for 15 minutes.
4. Stain in Celestine Blue Solution, (F-380-1) for 5 minutes. Wash in water.
5. Stain in Mayer’s Hematoxylin, (F-380-2) for 5 minutes. Wash in water for 5 minutes.
6. Stain for 5 minutes in Orange G-Picric Acid Solution, (F-380-3). Wash in water for 1 minute.
7. Stain for 5 minutes in Acid Fuchsin, 1%, Aqueous, (F-380-4). Wash in water.
8. Place in Orange G-Picric Acid Differentiation Solution, (F-380-5) for 10-15 seconds. Wash in water.
9. Place in *MacFarlane’s Working Solution, (F-380-6A) for 5 minutes. Wash in water.
   *Working solution may be prepared by mixing:
   
   MacFarlane’s Stock Solution 40ml
   95% Alcohol 40ml
   Distilled Water 20ml

10. Counterstain for 1 minute in Light Green, 2%, (F-380-7). Wash in water.
11. Dehydrate in 95% Alcohol, Absolute Alcohol, and clear in Xylene, two changes each.

RESULTS:

Fibrin, Keratin and some Cytoplasmic Granules.................red
Erythrocytes..........................................................orange
Collagen............................................................green

REFERENCES: