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.
12. Mount with **Permount** (M-18).

**RESULTS:**

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

**REFERENCES:**