F-371 VERHOEFF'S ELASTIC TISSUE STAIN

**FIXATION:**  10% Formalin, (F-111) or Zenker's Stock Solution (F-155)

**SECTION:**  Paraffin, @ 6 microns

**STAINING PROCEDURE:**

1. Deparaffinize and hydrate to distilled water.

2. Place in staining solution for 15 minutes. Staining solution should be prepared fresh. Combine:
   - 25ml Iron Solution, (F-371-1)
   - 10ml Potassium Iodide, 3%, (F-371-2)
   - 3.5ml Alcoholic Hematoxylin, 10%, (F-371-3)
   Use once and discard.


5. Dehydrate, clear and mount.

**RESULTS:**

- Elastic Fibers……………………………intensely blue-black
- Nuclei……………………………………blue to black
- Collagen…………………………………red
- Smooth and Striated Muscle………………brownish

**REFERENCES:**

