

## **F-382- MALLORY'S PHOSPHOTUNGSTIC ACID HEMATOXYLIN METHAD**

**Fixation:** 10% Buffered neutral Formalin, (F-113)

**Sections:** Cut paraffin sections at 5 µm.

**Staining:**

1. Deparaffinize and hydrate to 80% alcohol.
2. Place slides in **Eosin Y, 1% Alcoholic, (F-382-5)** for 30 seconds.
3. Wash slides in distilled water for a few seconds.
4. Place slides in **Periodic Acid, 1 % ( F-3892-6)** for 20 minutes.
5. Wash slides in water for 3 minutes.
6. Place slides in **Phosphotungstic Acid Hematoxylin Solution (PTAH) (F-382-1)** for 60-90 minutes in a 60 degree C oven. Check from 30 minutes on.
7. Dehydrate, clear and mount.

**Results:**

**Tissue**

|      |  |
|------|--|
| Blue | Dendrites, nuclei, fibrin, platelets and muscle. |
|      |  |
| Red  | Red blood cells and collagen                     |
|      |  |
|      |  |