

Weigert's Iron Hematoxylin With Metachromatic Dyes Fixation

Catalog #26758

Formalin, Bouin, Carnoy, Orth's or Zenker's

Sections

Paraffin

Staining

1. Deparaffinize and hydrate to distilled water.
2. Stain in working Weigert's Solution* for 6 minutes. Wash in water. *Prepare working solution by mixing equal volumes of Weigert's Iron Hematoxylin A and Weigert's Iron Hematoxylin B.
3. Stain in 0.02% Fast Green FCF for 3 minutes.
4. Wash in 1% Acetic Acid.
5. Stain for 4-6 minutes in 0.1% Bismarck Brown or in 0.1% Safranin O.
6. Dehydrate with 95% alcohol and 2 changes of absolute alcohol.
7. Clear with Alcohol: Xylene, 1:1, 1 change and two changes of Xylene.
8. Mount with a synthetic resin.

Staining Results

Nuclei	Black
Cytoplasm	Gray-green
Mucus, cartilage and mast cell granules	Yellowish brown, deep red or orange -red depending on dye used.

References

Weigert, K., Z. Wissen. Mikr., 21:1-5, 1904.

Lillie, R.D., Histopathologic Technic and Practical Histochemistry , 3 rd , edition, McGraw-Hill , NY , 1965.

Clark , G., (ed.), Staining Procedures , 3 rd edition, Williams & Wilkins, Baltimore , p. 40, c 1973.