

Toren's Method For Mast Cells

Catalog #26472

Fixation

10% Buffered Neutral Formalin

Section

Paraffin, @ 6 Microns

Staining Procedure

1. Deparaffinize and hydrate to distilled water.
2. Stain in *Working Giemsa Solution for 75 minutes. Rinse in distilled water.

***Prepare Working Giemsa Solution by adding 40 drops of Giemsa Stock Solution, to 40ml of distilled water and mixing thoroughly. Prepare fresh, immediately before use.

3. Place in Acetic Acid, 0.5%, for 5 to 10 seconds. Rinse in distilled water.
4. Stain in Pollack's Trichrome Solution, for 10 to 15 seconds.
5. Rinse in Acetic Acid, 0.5%, until no more stain washes off, 3 to 5 seconds.
6. Dehydrate in 95% Alcohol, Absolute Alcohol and clear in Xylene.
7. Mount with Permount.

Results

Mast Cell Granules	deep blue
Collagen & Cartilage	blue green
Muscle & Elastic Fibers	red
Fibrin	purple
Bone	green
Colloid, Keratin & Erythrocytes	orange red to orange

References

Toren, D.A.: Stain Techn ., 38:249-250, 1963.

Luna, L., (ed.), Manual of Histologic Staining Methods of the AFIP , 3 rd . ed., McGraw-Hill , New York , c. 1968, pp. 116-117.