

O-930 METHYL GREEN WITH PYRONIN

FIXATION: Carnoy's Solution (F-60)

SECTION: Paraffin, 4 microns

STAINING PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. Stain in the Methyl Green – Pyronin Y Solution, (O-930-1), three to five minutes.
The stain does not need filtration for use and may be re-used (Lillie)
3. Blot with filter paper.
4. Differentiate the damp section in Differentiating Solution, (O-930-2) two to five minutes.
5. Clear in Xylene (C-120), two changes, five minutes each.
6. Mount with Permount (M-18).

RESULTS:

Chromatin (DNA).....blue green
Nucleoli.....rose
Cytoplasmic Granules, Cytoplasm (plasma cells).....dark rose-purple
Cartilage Matrix, Mast Cell Granules.....orange-red, pink

REFERENCES:

Taft, E.B.; Stain Techn., 26:205-212, 1951.

Clark, G.C., Editor: Staining Procedures, 3rd ed.; Baltimore: Williams and Wilkins Co., c. 1973, p. 155.