

# METHYL GREEN PYRONIN STAIN PROCEDURE

Item# KT 023

PRINCIPLE: This stain demonstrates RNA and DNA.

SPECIMEN: Any well fixed paraffin embedded tissue cut at 5 microns.

## PROCEDURE:

1. Deparaffinize slide using Xylene or Xylene Substitute and hydrate through alcohols.
2. Rinse slide in running Tap water.
3. Rinse slide thoroughly in Distilled water.
4. Place slide in room temperature **METHYL GREEN PYRONIN STAIN** for 2 to 7 minutes. **NOTE:** Increasing stain time intensifies Pyronin (Red); decreasing stain time intensifies Methyl Green (Blue-green to green)
5. Dip slide 1 to 2 times each through 2 changes of room temperature Distilled water.
6. Dehydrate slide through 3 changes of fresh Reagent alcohol.
7. Clear slide through 3 changes of fresh Xylene. **Do not use a Xylene Substitute!**
8. Coverslip using a permanent mounting medium.

## RESULTS:

DNA: **BLUE-GREEN TO GREEN**

RNA: **PINK TO RED**

MAST CELL GRANULES: **PINK**

**REFERENCE:** Luna LG: Histopathologic Methods and Color Atlas of Special Stains and Tissue Artifacts; American Histolabs Inc; 1992, pg 261.

**For Research Use Only. Not for Diagnostic or Therapeutic Work.**

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product.

**DBS** 1020 Serpentine Lane, # 111, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390



コスモ・バイオ株式会社