

## **G-470 LUNA'S METHOD FOR MAST CELLS**

**FIXATION:** 10% Buffered Neutral Formalin (F-113)

**SECTION:** Paraffin, @ 6 microns

### **STAINING PROCEDURE:**

1. Deparaffinize and hydrate to 95% alcohol.
2. **Aldehyde Fuchsin**, (G-470-1), 30 minutes.
3. Rinse in 95% alcohol.
4. Working Weigert's Hematoxylin, 1 minute. (Prepare working Weigert's Hematoxylin by mixing equal volumes of **Weigert's A**, (G-470-2A) and **Weigert's B**, (G-470-2B) solutions). Wash in running water, 10 minutes.
5. Rinse in 95% alcohol.
6. Counterstain with **Methyl Orange**, (G-470-3), 5 minutes of until background is light yellow.
7. Dehydrate in absolute alcohol, clear in **Xylene**, (C-120), two changes each. Mount.

### **RESULTS:**

Mast Cells.....purple  
Elastic Fibers.....purple  
Cell Filaments.....blue  
Background.....yellow

### **REFERENCES:**

AFIP Manual of Histologic Staining Techniques; 3<sup>rd</sup>. ed.  
Ed. G. Luna; New York; McGraw-Hill Publications, c. 1968, p. 220.