

## **A-102     TRUANT'S FLUORESCENT METHOD FOR ACID FAST ORGANISMS**

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

**TECHNIQUE:** Cut paraffin at 6 microns.

**STAINING PROCEDURE:** Use control slide.

1. Deparaffinize and hydrate to distilled water.
2. Working Weigert's Iron Hematoxylin solution for 10 minutes.

### **Working Weigert's Hematoxylin.**

For working solution, mix equal parts of Weigert's Hematoxylin A (A-102-1A) and Weigert's Hematoxylin B (A-102-1B).

3. Wash in running water for 10 minutes.
4. Auramine-Rhodamine Solution(A-102-2), at 60°C for 10 minutes, or 37°C for 15 minutes, or 25°C for 20 minutes.
5. Wash in tap water.
6. Remove excess stain with Acid Alcohol, 1% (A-102-3), for 2-3 minutes.
7. Wash in running water.
8. Rinse in distilled water.
9. Dehydrate in 95% alcohol.
10. Clear in Xylene (C-120), two changes each.
11. Mount with Permount (M-18).

### **RESULTS:**

Acid Fast	flouresce reddish yellow
Artifacts	flouresce yellow

### **REFERENCES:**

AFIP Manual of Histological Staining Methods, 3<sup>rd</sup> ed., Ed. L. Luna: New York: McGraw Hill Publications, c. 1968, p. 219.

Clark, G.: Staining Procedures, Williams and Wilkins Co., Baltimore, 3<sup>rd</sup> Ed., c. 1973, p. 225.

