

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, 3rd ed., Ed. L. Luna: New York: McGraw Hill Publications, c. 1968, p. 219.

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

