

**A-101 KINYOUN'S METHOD FOR ACID FAST
BACTERIA**

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

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

STAINING PROCEDURE: Use control slide.

1. Deparaffinize and hydrate to distilled water.
2. **Kinyoun's Carbol Fuchsin Solution** (A-101-1), at 56°C for 1 hour.
3. Wash well in running water.
4. Differentiate in two changes of **Acid Alcohol, 1%** (A-101-3), until tissue is pale pink.
5. Wash in running water.
6. Counterstain in working **Methylene Blue Working Solution** (A-101-2A), for two seconds.

To prepare working solution, mix:

Methylene Blue Stock (A-100-2).	10 ml
Deionized water.	90 ml

7. Dehydrate in 95% Alcohol.
8. Clear in two changes of **Xylene** (C-120).
9. Mount with Permount (M-18).

RESULTS:

Acid Fast Bacteria	bright red
Background	light blue

REFERENCES:

AFIP Manual of Histological Staining Methods, 3rd ed., Ed. L. Luna: New York: McGraw Hill Publications, c. 1968, p. 217.