

**A-103 ZIEHL-NEELSEN METHOD FOR ACID
FAST BACTERIA
USING MICROWAVE OVEN**

FIXATION: Any well-fixed tissue

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

STAINING PROCEDURE: Use control slide

1. Deparaffinize and hydrate to distilled water.
2. Place slides in a PLASTIC Coplin jar half-filled with **Ziehl Neelsen Carbol Fuchsin Solution** (A-103-1). Cover loosely and microwave for 20 seconds.
3. Rinse in tap water.
4. Dip in **Acid Alcohol, 1%** (A-103-3); then rinse in tap water. Repeat this step until excess stain is removed and sections are pale pink.
5. Place slides in **Methylene Blue Working Solution** (A-103-2A) for 30 seconds.

To prepare working solution, mix:

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

6. Rinse in tap water.
7. Dehydrate in graded alcohols, clear and mount.

RESULTS:

Acid Fast Bacilli	bright red
Background	blue

REFERENCES:

Statpath: Microwave Oven Techniques in Pathology, p.37, c 1987.

