

ACID-FAST BACILLI STAIN

Ziehl – Neelsen Stain

100 Tests

The Staining of *M. tuberculosis* and other acid-fast organisms.

REAGENTS :

Reagent 1	Basic Fuchsin Phenol Crystals Ethyl alcohol, absolute Distilled water.
Reagent 2	Acid-Alcohol
Reagent 3	Methylene Blue

PROCEDURE :

1. De-wax and hydrate.
2. Flood the slide with **Reagent 1** (1 ml) heat by flaming until stain rises and re-heat at intervals. Stain for 10-15 min.
3. Wash with running tap water.
4. Differentiate with **Reagent 2** until the red blood corpuscles retain the stain when examined under the microscope.
5. Wash with running tap water for a minimum of 10 min.
6. Counterstain with **Reagent 3** for 2 min.
7. Wash with running tap water.
8. Dehydrate rapidly, clear and mount in neutral balsam or DPX.

RESULTS:

Acid Fast Bacilli: Red
Cell Nuclei: Blue
Blood Corpuscles: Pink

N.B

This procedure is only a guide and it is preferable if each laboratory established his own conditions.

BIO DIAGNOSTIC

DIAGNOSTIC AND RESEARCH REAGENTS

ACID – FAST BACILLI STAIN

Ziehl – Neelsen Stain

+15 to +25°C 100 Tests
For In Vitro Diagnostic Use

CAT. No. ZN 27 18

REAGENTS

R1	Basic Fuchsine	100	ml
R2	Acid-Alcohol	100	ml
R3	Methylene Blue	100	ml

CONTACTS

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