



#### PRODUCT CODE BS027

## APPLICATION

Methylene Blue is a component of Ziehl-Neelsen's TB Stain.

#### REAGENT COMPOSITION

| Methylene Blue  |  |
|-----------------|--|
| Deionized Water |  |

0.5% 100 mL

# **REAGENT PREPARATION**

It is recommended to filter all stain before use.

# REAGENT STORAGE AND STABILITY

Methylene Blue Solution is stable up to the stated expiry date when stored at 15-25° C.

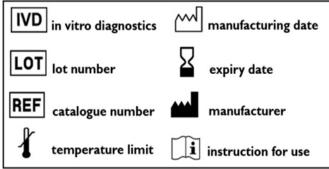
#### PROCEDURE

- Flood heat fixed smears with Carbol Fuchsin Solution (Bio Research, Product Code: BS026) and heat until steam rises. Stain for 3-5 minutes but do not allow to dry.
- 2- Wash well with water.
- 3- Decolorize with Acid Alcohol (Bio Research, Product Code: BS025) for 20-30 Seconds. Use 2 changes.
- 4- Wash well with water.
- 5- Counter stain with Methylene Blue Solution (Bio Research, Product Code: BS027) 2 minutes.
- 6- Wash with running water and allow to dry.
- 7- Examine under microscope using oil immersion objective.

## RESULTS

| Acid Fast Organism | - | Red  |
|--------------------|---|------|
| Background         | - | Blue |

# SYMBOLS ON LABELS



## REFERENCE

Gupta et al. CytoJournal 2004 1:6 doi: 10.1186/1742-6413-1-6

