

**PRODUCT CODE**

**BS027**

**APPLICATION**

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

**REAGENT COMPOSITION**

Methylene Blue 0.5%  
Deionized Water 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**

- 1- 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**

 <b>IVD</b> in vitro diagnostics	 manufacturing date
 <b>LOT</b> lot number	 expiry date
 <b>REF</b> catalogue number	 manufacturer
 temperature limit	 instruction for use

**REFERENCE**

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