

BA089

**FLOURESCENT STAINS KIT FOR MYCOBACTERIA
(CONTAINS BA090, BA091, BA092)**

Formula

Reagents:

Phenolic auramine (BA090)

Auramine O	0.30 g
Phenol	3.00 g
Distilled water	100.00 ml

Appearance: Yellow coloured solution

Acid alcohol (BA091)

Ethyl alcohol,75%	99.50 ml
Sodium chloride	0.50 g
Hydrochloric acid	0.50 ml

Appearance: Colourless liquid

Potassium permanganate (BA092)

Potassium Permanganate	0.100 g
Distilled water	100.000 ml

Appearance: Dark purple coloured solution

Directions:

- 1) Thoroughly flame one side of a clean glass slide to be used for the smear and allow to cool before smearing.
- 2) Prepare a smear from the specimen on the flamed side of the slide and allow to air dry.
- 3) Fix the smear by passing the slide through a flame.
- 4) Flood the slide with phenolic auramine(BA090) Heat to steaming for 10-15 minutes with a low flame; do not boil the stain and do not permit drying of the smear.
- 5) Rinse with distilled water and drain off excess liquid.
- 6) Flood the slide with decolorizer (BA091) for 2-3 min. Slide will still appear pink.
- 7) Rinse thoroughly with distilled water, drain off excess.
- 8) Flood slide with counterstain (BA092) for 3-4 min. Do not allow slide to dry.
- 9) Rinse thoroughly with distilled water and allow to air dry.
- 10) Examine the slide by fluorescent microscope.

Microscopy: Acid Fast Bacilli: luminous yellow rods in dark field.

Storage: Below 30°C in tightly closed container and away from bright light

Packing:100 ml

Warnig & precaution:

In Vitro diagnostic Use only. For Laboratory use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets

USE: To stain acid-fast organisms (Mycobacterium sp) in specimens and in culture by fluorescence microscopy.

Disposal:

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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