

**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.

Refer disclaimer Overleaf

Precautions :

1. For Laboratory Use.
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

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

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

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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