

BA006 ZN ACID FAST STAINS KIT (CONTAINS BA007, BA008, BA009)

Formula

Reagents:

ACID FAST DECOLOURISER(BA007)

Hydrochloric acid, conc.	3.00 ml
Ethyl alcohol,95%	97.000 ml

Use: Decolouriser for non acid fast bacteria.

Quality Control:

Appearance: Colourless liquid solution

Carbol Fuchsin (ZN strong)(BA008)

Basic Fuchsin	0.30 g
Ethyl alcohol,95%	10.00 ml
Phenol	5.00 ml
Distilled water	95.00 ml

Caution: Basic Fuchsin is potential carcinogen and care should be taken to avoid inhalation of the powdered dye and contamination of the skin.

Use: For identification of the acid fast bacillus,other Mycobacteria,and Nocardia.

Quality Control:

Appearance: Dark pinkish red solution with sheen

Methylene blue (Loeffler's)(BA009/BA030)

Methylene blue	0.300 g
Ethyl alcohol,95%	30.000 ml
Distilled water	100.000 ml

USE: Identification of diphtheria bacilli by metachromatic staining & counter stain in acid fast staining.

Quality Control:

Appearance: Dark blue coloured solution

Directions :

1. Prepare a smear on clean, dry glass slide.
2. Air dry and fix it with gentle heat.
3. Flood slide with Carbol Fuchsin (BA008).Heat to steaming for 5 minutes without drying of the smear.
4. Wash with water.
5. Decolourize with Acid fast decolourizer (BA007) for 2 minutes.
6. Wash with water.
7. Flood slide with Methylene blue (BA009) for 30 seconds.
8. Wash with water.
9. Dry and observe under oil immersion lens.

Microscopy: Acid fast organisms are stained pink & other non acid fast organisms are

Storage: Below 30°C.

Packing:100 ml

Warning & Precautions :

In Vitro diagnostic Use only. For professional 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: Acid fast staining.

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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