

**BA034 NEISSER'S METACHROMATIC STAINS-KIT (CONTAINS BA087, BA036,BA083)**

**FORMULA**

**Reagents:**

**Gram's Iodine(BA087)**

Iodine	1.00 g
Potassium iodide	2.00 g
Distilled water	300.00 ml

**Quality Control:**

**Appearance:** Yellow coloured solution

**Neisser's methylene blue(BA036)**

Methylene blue	1.00 g
Glacial acetic acid	50.00 ml
Ethyl alcohol,95%	50.00 ml
Distilled water	100.00 ml

**Quality Control:**

**Appearance:**Blue coloured solution

**Neutral red solution ( BA083)**

Neutral red	1.00 g
Acetic acid	2.00 ml
Distilled water	1000.00 ml

**Quality Control:**

**Appearance:**Red coloured solution

Refer disclaimer Overleaf

**Directions:**

1. Take a loopful of culture on clear, dry glass slide. Prepare a thin smear.
2. Air dry and fix with gentle heat.
3. Flood slide with Neisser's methylene blue for 3 minutes.
4. Wash off with 1:10 diluted in distilled water Gram's iodine solution and leave some of this solution on the slide for 1 minute.
5. Wash with water.
6. Counter stain with Neutral Red Solution for 3 minutes.
7. Wash with water, air dry.
8. Observe under oil immersion lens.

**Precautions :**

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

**Use:** Metachromatic granule staining.

**Quality Control:**

**Microscopy:**

Metachromatic granules: Deep blue  
Organisms: Pink

**Storage:** Below 30°C.

**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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**TECHNICAL SHEET**