

**BA011**

**GIEMSA STAIN**

**FORMULA**

**Reagents:**

|                          |           |
|--------------------------|-----------|
| Azur II eosine           | 3.00 g    |
| Azur II                  | 0.80 g    |
| Glycerin                 | 125.00 g  |
| Methyl alcohol, absolute | 375.00 ml |

**Directions :**

1. Flood dried blood film with methanol for 3-5 minutes.
2. Dip slide in the staining fluid containing 0.7 ml of Giemsa stain in 30 ml distilled water and keep it for 30-40 minutes.
3. Wash with distilled water allowing differentiates for 1-3 minutes.
4. Air dry and observe under oil immersion lens.

**Precautions :**

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

**Use:** Blood staining

**Quality Control:**

**Appearance:** Dark blue coloured clear solution.

**Microscopy:**

Cytoplasm: Clear blue  
Nuclear and basophilic cytoplasmic components:Blue  
Neutrophilic granules : Lilac  
Eosinophilic granules : Orange  
Mast cell granules: Deep blue violet  
Nucleoli : Blue-violet  
Red cells :Pink  
Cytoplasm of mature monocytes : Grey blue

**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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