

HAEMATOLOGICAL STAIN

Giemsa Stain

800 Tests

A Romanowsky type stain designed to differentiate leucocytes.

REAGENTS :

Reagent 1	Methyl alcohol, absolute (analar)
Reagent 2	Giemsa Stain

PROCEDURE :

1. Prepare thin blood films and fix in Reagent 1 for 3 min
2. Dilute one volume of Reagent 2 with four volumes of distilled water, flood the slide and allow the stain to act for 5-20 min.
3. Wash and differentiate with dist.water, controlling the degree of differentiate microscopically.
4. Drain and dry in the air at room temperature.

RESULTS :

- Nuclei of leucocytes : Reddish-purple.
- Eosinophilic granules : Red to orange.
- Basophilic granules : Blue.
- Lymphocytes : Dark purple .

N.B

This procedure is only a guide and it is preferable if each laboratory established his own conditions.

