

HAEMATOLOGICAL STAIN

LEISHMAN'S STAIN

200 Tests

A Romanowsky – type stain designed to differentiate leucocytes .

REAGENT :

Methylene blue

Sodium carbonate

Eosin

Methyl alcohol, absolute

PROCEDURE:

1. Prepare thin blood films and fix in undiluted stain solution for 1 – 2 min.
2. Add to undiluted stain on the slide twice its volume of dist. water and mix by gentle rocking. Allow the diluted stain to act for 10 min.
3. Wash and differentiate with dist. water. When correctly differentiated the smear should be salmon-pink colour.
4. Drain and dry in the air room temperature. Clean the back of the slide and examine microscopically .

RESULTS :

Nuclei of leucocytes	:	Purple
Eosinophilic granules	:	Orange red.
Basophilic granules	:	Dark blue.
Lymphocytes	:	Dark purple nuclei with pale blue cytoplasm .
Platelets	:	Violet granules
Auer bodies	:	Red
Red blood corpuscles	:	Salmon pink

N.B. :

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

HAEMATOLOGICAL STAIN

Leishman's Stain	
+15 to +25°C	200 Tests
In vitro diagnostic use	
CAT. No.	LS 27 11

REAGENTS

Leishman's Stain	2 x 100 ml
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