BA014 **WRIGHT'S STAIN**

FORMULA

Reagents: Prepare freshly working solution before use.

a) Wright stain	1.00 g
Glycerol	50.00 ml
Methanol, absolute	100.00 ml
b) Stock stain solution	4.00ml
Acetone	3.00 ml
Phosphate buffer (1/15M,pH6.5)	2.00 ml
Distilled water	31.00 ml

Both (a) and (b) are mixed in a Coplin jar.

Phosphate buffer (1/15M,pH6.5)

Potassium dihydrogen phosphate, anhydrous	0.663 g
Disodium phosphate, anhydrous	0.256 g
Distilled water	100.00 ml

Directions:

1. Air dry blood film.
2. Flood the slide with Wright stain for 3 minutes for fixing.
3. Slowly add buffer of the same quantity as the stain and mix by blowing on the slide.
4. Keep it for 5 minutes.
5. Wash the slide with neutral distilled water and air dry.
6. 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: Blue Purple clear solution

Microscopy:

Erythrocytes :	Yellowish red
Polymorpho nuclears:	Dark purple nucleus, reddish lilac granules, pale pink cytoplasm
Eosinophiles :	Blue nuclei, red to orange red granules, blue cytoplasm
Basophiles :	Purple to dark blue nucleus, dark purple granules
Lymphocytes :	Dark purple nuclei , sky blue cytoplasm
Platelates :	Violet to purple granules

Storage: Below 30°C.

Packing: 200 ml

Refer disclaimer Overleaf

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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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