

TECHNICAL SHEET

BA014

WRIGHT'S STAIN

FORMULA

Reagents: Prepare freshly working solution before use.

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|--------------------------------|-----------|
| 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.

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: 100 ml

Warning & Precautions :

In Vitro diagnostic Use only. For professional use only. For Laboratory Use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

USE: Wright's Stain is used as staining solution for blood films.

Disposal:

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

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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