

PRODUCT CODE
BS023
APPLICATION

A Romanowsky stain for blood and bone marrow morphology; designed specifically to differentiate Leukocytes. Also used for malarial parasites and trypanosomes. Reported to be superior to May - Grunwald stain in blood staining.

REAGENT COMPOSITION

Wright's Stain Powder 0.3%
Methanol 100 mL

REAGENT PREPARATION

It is recommended to filter all stain before use.

REAGENT STORAGE AND STABILITY

Wright's stain solution is stable up to the stated expiry date when stored at 15-25° C. Keep tightly closed to prevent air oxidation.

PROCEDURE

1. Flood air dried smears with stain for 1 minute on slide rack.
2. Dilute stain gently 1:3 with buffered water (pH 6.6-6.8) or distilled water. Leave slide for 5-10 minutes.
3. Wash off with pH 6.6-6.8 buffered water or distilled water until the slide appear pink to the naked eye and allow to dry.
4. Examine under oil immersion lens of microscope.















RESULTS

Red blood cells	Pink
Leukocyte nuclei	Blue – Purple
Acidophil granules	Pink- Red
Basophil granules	Blue
Lymphocytes	Dark Purple nuclei with sky blue cytoplasm
Malarial parasites	Red chromatin/blue cytoplasm
Trypanosomes	Red chromosomes
Cytoplasm	Pale-pink
Platelets	Violet to purple

NOTES

- 1- The staining times may be altered to suit individual requirements.
- 2- Staining effects similar to Giemsa stain may be obtained by using a 1:4 dilution of stain and buffered water or distilled water.

SYMBOLS ON LABELS

Symbols	Signify	Symbols	Signify
	Catalogue Number		Pack Size
	Expiry Date		Volume
	Storage Condition		Lot Number
	Instruction for Use		In Vitro Diagnostics
	Manufacturing Date		Manufacturer
	Number of Tests		For Single Use Only
	EC Representative		European conformity

BIBLIOGRAPHY

Wright . J.H. : J. Med. Res. 7138 - 144 1902

