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TECHNICAL DATA SHEET 815

Page 1 of 2

StainRITE™ Wright-Giemsa Stain Procedure

1. Specimen- Peripheral smears should be prepared from a freshly drawn blood specimen (*EDTA purple top tubes*). Allow smears to air dry completely before staining.
2. Please use an X or check mark to indicate that all stains and reagents are present on the bench before manual staining of rack. Reagents needed for manual testing are listed below.
3. Take a disposable pipette and flood the **StainRITE™** Wright-Giemsa Stain on the appropriately labeled slides. _____
4. Set timer for 2 minutes. _____
5. Place oxidizing **StainRITE™** Wright-Giemsa Stain and **StainRITE™** Wright-Giemsa Stain Buffer Mixture on **StainRITE™** Wright-Giemsa stained slides laying on slide rack. (*Displacing the **StainRITE™** Wright-Giemsa Stain off the slides with the pipette filled with **StainRITE™** Wright-Giemsa Stain/Buffer Mixture and viewing a metallic sheen on the top of slides.*) _____

REAGENTS CHECKLIST

_____ Methanol for **StainRITE™** Wright-Giemsa Stain

_____ **StainRITE™** Wright-Giemsa Stain

_____ **StainRITE™** Wright-Giemsa Stain Buffer

_____ **StainRITE™** Wright-Giemsa Stain / Buffer mixture

Please mix the **StainRITE™** Wright-Giemsa Stain and buffer mixture before blood smears are made or before the smears are air drying.

Combine 15ml of **StainRITE™** Wright-Giemsa Stain with 75ml of **StainRITE™** Wright-Giemsa Stain Buffer, mix well and allow to stand for at least 10 minutes. Make sure that a metallic sheen is observed on the surface before staining.

Allow to stand 10 minutes prior to use.

StainRITE™ WRIGHT-GIEMSA STAIN PROCEDURE

1. Place freshly prepared and air dried blood smears in a manual staining rack. _____
2. Place slide rack with air dried blood smears in Methanol for 30 seconds. _____ (*Adjust timer for 30 seconds.*)

6. Set timer for 6 minutes. _____

7. Place slides in **StainRITE™** Wright-Giemsa Stain Buffer for 2 minutes.

8. Set timer for 2 minutes. _____

9. Retrieve slide rack with stained slides from buffer rinse and allow to air dry before examination with immersion oil and 100X objective.

STAINED SLIDE TIPS

1. Wipe excess stain from back of slides with methanol soaked gauze, **being careful not to wipe off the stained side of the slides.**
2. Place on slide envelope or slide flat/folder and proceed to the microscope room.
3. Place 1 drop of immersion oil onto slide to be viewed making sure it is completely air dried after staining.

B. STAINING CHARACTERISTICS

Erythrocytes	light pink to moderate purple, not grey or blue
Polymorphonuclear Neutrophils	blue to dark blue to purple nuclei, reddish purple lilac granules, pale pink cytoplasm
Eosinophils	blue to dark blue to purple nuclei, red to orange-red granules, blue cytoplasm
Basophils	purple to dark blue to black nuclei, purple granules
Lymphocytes and monocytes	dark purple nuclei, sky blue cytoplasm
Platelets	violet to purple granules

ORDERING INFORMATION

Cat. #	Description
24985	StainRITE™ Wright-Giemsa Stain Solution

Related Products

24981	StainRITE™ May-Grünwald Stain Solution
24984	StainRITE™ Wright-Giemsa Stain Phosphate Buffer pH 6.8
24986	StainRITE™ Wright Stain Solution
24989	StainRITE™ Wright Stain Phosphate Buffer pH 6.8
25032	StainRITE™ May-Grünwald Giemsa Phosphate Buffer pH 7.2
25038	StainRITE™ Giemsa Stain (for May-Grünwald)

TO ORDER

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