



**U.S. Corporate Headquarters**  
400 Valley Rd.  
Warrington, PA 18976  
1(800) 523-2575 / (215) 343-6484  
1(800)343-3291 fax  
info@polysciences.com

**Polysciences Europe GmbH**  
Handelsstrasse 3  
D-69214 Eppelheim, Germany  
+(49) 6221-765767  
+(49) 6221-764620 fax  
info@polysciences.de

**Polysciences Asia-Pacific, Inc.**  
2F-1, 207 Tunhwa N. Rd.  
Taipei, Taiwan 10595  
(886) 2 8712 0600  
(886) 2 8712 2677 fax  
info@polysciences.tw

## TECHNICAL DATA SHEET 814

Page 1 of 2

# StainRITE® Wright 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. seconds. \_\_\_\_\_ (*Adjust timer for 30 seconds.*)
4. Take a disposable pipette and flood the **StainRITE®** Wright Stain on the appropriately labeled slides. \_\_\_\_\_
5. Set timer for 3 minutes. \_\_\_\_\_
6. Place oxidizing **StainRITE®** Wright Stain and **StainRITE®** Wright Stain Buffer Mixture on **StainRITE®** Wright stained slides laying on slide rack (*Displacing the **StainRITE®** Wright Stain off the slides with the pipette filled with **StainRITE®** Wright Stain/buffer mixture and viewing a metallic sheen on the top of slides.*) \_\_\_\_\_
7. Set timer for 6 minutes. \_\_\_\_\_
8. Place slides in **StainRITE®** Wright Stain Buffer for 1.5 minutes.
9. Set timer for 1.5 minutes. \_\_\_\_\_
10. Retrieve slide rack with stained slides from buffer rinse and allow to air dry before examination with immersion oil and 100X objective.

### REAGENTS CHECKLIST

- \_\_\_\_\_ Methanol for **StainRITE®** Wright Stain
- \_\_\_\_\_ **StainRITE®** Wright Stain
- \_\_\_\_\_ **StainRITE®** Wright Stain / Buffer mixture

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

Combine 15ml of **StainRITE®** Wright Stain with 75ml of **StainRITE®** Wright 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 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

### 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	yellowish red
Polymorphonuclear Neutrophils	dark blue nuclei, reddish lilac granulates, pale pink cytoplasm
Eosinophils	blue nuclei, red to orange-red granules, blue cytoplasm
Basophils	purple to dark blue nuclei, dark purple granules
Lymphocytes and monocytes	dark purple nuclei, sky blue cytoplasm
Platelets	violet to purple granules

**ORDERING INFORMATION**

Cat. #	Description
24986	<b>StainRITE</b> ® Wright Stain Solution

**Related Products**

24981	<b>StainRITE</b> ® May-Grünwald Stain Solution
24984	<b>StainRITE</b> ® Wright-Giemsa Stain Phosphate Buffer pH 6.8
24985	<b>StainRITE</b> ® Wright-Giemsa Stain Solution
24989	<b>StainRITE</b> ® Wright Stain Phosphate Buffer pH 6.8
25032	<b>StainRITE</b> ® May-Grünwald Giemsa Phosphate Buffer pH 7.2
25038	<b>StainRITE</b> ® Giemsa Stain (for May-Grünwald)

**TO ORDER**

In The U.S. Call:	1(800) 523-2575 • (215) 343-6484
In The U.S. Fax:	1(800) 343-3291 • (215) 343-0214
In Germany Call:	+(49) 6221-765767
In Germany Fax:	+(49) 6221-764620
In Asia Call:	(886) 2 8712 0600
In Asia Fax:	(886) 2 8712 2677

Order online anytime at [www.polysciences.com](http://www.polysciences.com)