



## Wright-Giemsa Stain Kit

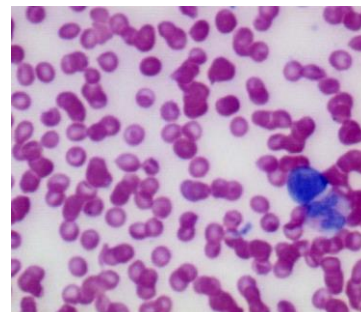
**Description:** Wright-Giemsa Stain Kit is intended to be used for differential staining of blood smears, bone marrow and blood parasites.

**Uses/Limitations:** For In-Vitro Diagnostic use only.  
Hematology applications.  
Do not use past expiration date.  
Use caution when handling these reagents.

**Control Tissue:** Blood smear on clean slide.

**Results:**

Erythrocytes:	Pink-Tan
Leukocytes:	Blue-Purple
Neutrophils:	Light Purple or Lavender granules in cytoplasm.
Eosinophils:	Bright Red or Red-Orange granules in cytoplasm.
Basophils:	Deep Purple or Violet-Black granules in cytoplasm.
Platelets:	Violet-Purple granules in light blue cytoplasm.



**Kit Contents:**

<u>Item #</u>	<u>Description</u>	<u>Volume</u>	<u>Storage Conditions</u>
SSC-WGS500	Wright-Giemsa Solution	500 ml	Room Temperature
SSC-PBM500	Phosphate Buffer Solution (pH 6.8)	500 ml (x2)	Room Temperature

**Required but not included:**

<u>Item #</u>	<u>Description</u>	<u>Volume</u>	<u>Storage Conditions</u>
40380-1	Methanol, Absolute	1 Gallon	Room Temperature

**For information regarding ordering individual components, please contact us at: 800-442-3573.**

**Precautions:** Avoid contact with skin and eyes.  
Flammable.  
May be fatal or cause blindness if swallowed.  
Poison.  
Follow all Federal, State, and local regulations regarding disposal.  
Use in chemical fume hood whenever possible.



# Instructions For Use **IFU-076** **SSK-WRIGHTGIEM**

Rev. Date: Aug. 17, 2016

**Revision: 2**

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## **Preparation of Reagents Prior to Beginning:**

1. Prepare **Working Wright-Giemsa Solution** by mixing 25ml of Wright-Giemsa Solution with 25ml of Phosphate Buffer Solution, pH 6.8.

## **Procedure (Standard):**

1. Smear a small drop of blood on a clean microscope slide and allow to air dry.
2. Fix by placing in absolute Methanol for 5 minutes.
3. Place slide in staining tray and flood with Working Wright-Giemsa Solution for 5 minutes. Note: Agitate slide occasionally to insure proper staining.
4. Rinse slide in deionized/distilled water.
5. Flood slide with Phosphate Buffer Solution, pH 6.8 until no stain runs off.
6. Allow slide to remain in Phosphate Buffer Solution, pH 6.8 for an additional 1 minute.
7. Dip slide in distilled water and air dry at room temperature.
8. Dip slide several times in Xylene or Xylene Substitute.
9. Mount in synthetic resin.

## **References:**

1. Sheehan, D., Hrapchak, B., Theory and Practice of Histotechnology: 2<sup>nd</sup> Edition, 1980, pages 155-156.



Lot-to-Lot Validation Form  
Wright-Giemsa Stain Kit Catalog: SSK-WRIGHTGIEM

Kit Lot Number: \_\_\_\_\_  
Kit Expiration Date: \_\_\_\_\_  
Date Tested: \_\_\_\_\_  
Control Tissue (#) \_\_\_\_\_  
Approved for Use: Y/N \_\_\_\_\_  
Date put into use: \_\_\_\_\_

If not approved, corrective actions taken:	_____
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Approved by: \_\_\_\_\_

**Kit Component**

**Lot #**

Wright-Giemsa Solution

Phosphate Buffer Sol (pH  
6.8)

Replacement Component if used	Replacement Date	Lot #	Accepted Y/N	Comments
Wright-Giemsa Solution				
Phosphate Buffer (pH 6.8)				
Approved By:				

StatLab is providing this form to assist with reagent lot validation as stated in CLIA'88 Standard 493.1256-For reagent(s), the laboratory must do the following: Check each batch (prepared in-house), lot number (commercially prepared) and shipment of reagents, stains, and identification systems (systems using two or more substrates or two or more reagents, or a combination) when prepared or opened for positive and negative reactivity, if applicable.