

This procedure is available in kit form from:  
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cat# cy010

### SUDAN BLACK B FOR LIPIDS

#### **SOLUTIONS:**

1. Sudan Black B 0.3% Alcoholic
2. Sudan Black B Buffer Solution  
Sudan Black B Working Solution:  
Sudan Black B 0.3% Alcoholic.....30 mL  
Sudan Black B Buffer Solution.....20 mL  
\*Filter, using suction through double thickness #1 filter paper.  
This solution will keep for 2 – 3 weeks.
3. Eosin Y 0.01% Aqueous
4. Mayer's Hematoxylin
5. Acetic Acid 0.5% Aqueous

#### **STAINING PROCEDURE:**

1. Fix smear in formalin vapors for 10 minutes.
2. Air dry for 10 minutes.
3. Stain in Sudan Black B Working Solution for 30 minutes.
4. Place in 2 changes of 70% Ethyl Alcohol for 2 minutes each.
5. Wash in distilled water – 15 dips.
6. Stain in Mayer's Hematoxylin for 5 minutes.
7. Wash in distilled water for 10 – 15 minutes.
8. Stain in Eosin Y 0.01% Aqueous – 1 dip.
9. Place in Acetic Acid 0.5% Aqueous – 1 dip.
10. Wash in distilled water – 15 dips.
11. Blot and air dry.

#### **RESULTS:**

Phospholipids and granules of  
granulocytic series.....Black  
RBC.....Pink  
Nuclei.....Blue