## SUDAN BLACK B HISTOCHEMICAL STAIN KIT PROCEDURE

Item# KT 032

KIT 100m EXCELL™ FIXATIVE 100ml MODIFIED SUDAN BLACK B

COMPONENTS 1 Pint 70% REAGENT ALCOHOL 100ml MODIFIED MAYER'S HEMATOXYLIN INCLUDED:

PRINCIPLE: This kit demonstrates lipid granules in bone marrow smears and bone cores.

<u>SPECIMEN:</u> Use fresh bone marrow smears or paraffin sections of bone cores.

PROCEDURE NOTE: Filter Modified Sudan Black B stain as necessary.

## PROCEDURE:

- 1. Fix smears or tissue in **EXCELL™ FIXATIVE** for 2 minutes.
- 2. Rinse slide thoroughly in Distilled water.
- 3. Place slide in MODIFIED SUDAN BLACK B for 5 minutes.
- 4. Rinse slide through two changes of 70% REAGENT ALCOHOL until stain no longer runs off slide.
- 5. Rinse slide through 2 changes of Distilled water.
- 6. Place slide in MODIFIED MAYER'S HEMATOXYLIN for 1 minute.
- 7. Rinse slide through 2 changes of Tap water until section is blue.
- 8. Air dry slide.
- 9. Clear slide through 3 changes of fresh Xylene or Xylene Substitute.
- 10. Coverslip using a permanent mounting media.

## **RESULTS:**

Neutrophils: BLUE to BLACK intracellular granulation

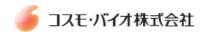
Nuclei: **BLUE** 

REFERENCE: Sheehan HL Storey GW: An Improved method of staining leukocyte granules with Sudan Black B; B

J Pathol Bacteriol; 1947 59: 336.

## For Research Use Only. Not for Diagnostic or Therapeutic Work.

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product.



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