

SUDAN BLACK B HISTOCHEMICAL STAIN KIT PROCEDURE

Item# KT 032

KIT COMPONENTS INCLUDED:	100m	EXCELL™ FIXATIVE	100ml	MODIFIED SUDAN BLACK B
	1 Pint	70% REAGENT ALCOHOL	100ml	MODIFIED MAYER'S HEMATOXYLIN

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

SPECIMEN: 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.

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DBS 1020 Serpentine Lane, # 111, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390