REAGENT ASSEMBLY KIT
ITEM# k050

SUDAN BLACK B METHOD FOR FAT

PURPOSE:	For In Vitro Diagnostic Use: Intended for the qualitative demonstration of fat.
PRINCIPLE:	Lipids are a better solvent for Sudan Black and so they remain stained while other tissue elements are cleared with Propylene Glycol. All solvents must be avoided as they will remove the stain.
CONTROL:	Any tissue known to contain fat *Control Slides can be purchased from Histology Control Systems. See inside back cover, Item# cs017.*
SPECIMEN PREPARATION:	Formalin fixed, frozen sections cut at 8-10 micrometers
SOLUTIONS:	1. Sudan Black B in Propylene Glycol Item# s283 2. Propylene Glycol 85% Solution Item# s264A 3. Nuclear Fast Red Kernechtrot 0.1% Item# s248 4. Propylene Glycol USP Item# s264 5. Glycerine Jelly Mounting Medium Item# s200 *Solutions can be purchased separately from Poly Scientific.*
NOTES:	
REFERENCE:	Luna, Lee G. Manual of Histologic Staining Methods of the Armed Forces Institute of Pathology. 3rd Ed. McGraw-Hill Book Co. New York. 1968. p. 145.

STAINING PROCEDURE:

1. Cut frozen section and collect in distilled water.
2. Propylene Glycol USP for 2 minutes
3. Sudan Black B in Propylene Glycol for 1-2 hours.
4. Differentiate in Propylene Glycol 85% Solution for 1 minute. Agitate sections several times.
5. Rinse in distilled water.
6. Counterstain in Nuclear Fast Red Kernechtrot 0.1% for 2 minutes.
7. Rinse well in distilled water.
8. Mount with Glycerine Jelly Mounting Medium.

RESULTS:

Fat .....Blue Black

Nuclei.....Red