

Sudan Black B Stain Kit (For Fat)

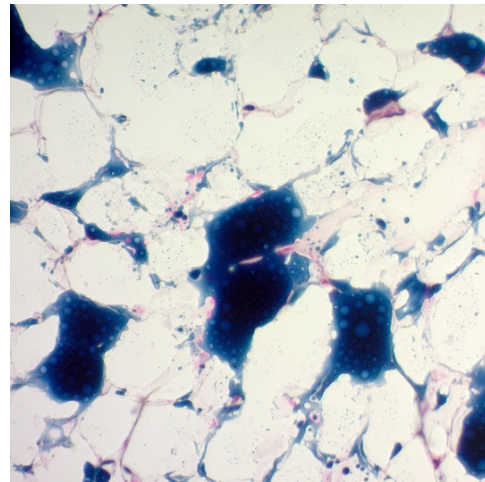
Description: The Sudan Black B Stain Kit (For Fat) is intended for use in the histological visualization of fat cells and neutral fat. This kit may be used ONLY on frozen tissue sections, fresh smears, or touch preps as xylenes and alcohols will dissolve fat deposits.

Fat Cells:	Blue to Black
Neutral Fat:	Blue to Black
Nuclei:	Red

Uses/Limitations: Not to be taken internally.
For In-Vitro Diagnostic use.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.

Control Tissue: Any frozen section containing fat.
Any fresh smear containing fat.

Ordering information regarding individual components on back page!




Frozen Adipose tissue. 200X

Availability/Contents: Kit Item #: SBK-1

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
PRG500	Propylene Glycol	500 ml	18-25°C
SBG125	Sudan Black B Solution	125 ml	18-25°C
NFS125	Nuclear Fast Red Solution	125 ml	18-25°C

Precautions: Keep away from open flame.
Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.
Use in chemical fume hood whenever possible.

Storage: 18° C  25° C



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Procedure (Standard):

NOTE: Heat Sudan Black B Solution to 60°C prior to beginning.

1. Prepare fresh or frozen tissue section and fix as usual.
2. Place slide in room temperature Propylene Glycol for 10 minutes.
3. Incubate slide in heated (60°C) Sudan Black B Solution for 10 minutes or overnight at room temperature.

Note: Prepare mixture of 85% Propylene Glycol in distilled water.


4. Differentiate tissue section in 85% Propylene Glycol for 3-5 minutes.
5. Rinse slide in 2 changes of distilled water.
6. Stain tissue section with Nuclear Fast Red Solution for 5 minutes.
7. Rinse slide thoroughly in tap water.
8. Rinse slide in 2 changes of distilled water.
9. Coverslip using an aqueous mounting medium (cat# AML060).


References:

1. Sheehan, H. L., and G. W. Storey. "An improved method of staining leucocyte granules with Sudan black B." *The Journal of pathology and bacteriology* 59.1-2 (1947): 336-337.
2. CH, NH. "SUDAN BLACK B." *HANDBOOK OF BIOLOGICAL DYES AND STAINS*: 440.
3. Bronner, Roberte. "Simultaneous demonstration of lipids and starch in plant tissues." *Biotechnic & Histochemistry* 50.1 (1975): 1-4.

Bulk Reagent Ordering Information and Current Pricing at www.scytek.com

Description:	Catalog #	Volume
Propylene Glycol	PRG500	500 ml
	PRG999	1000 ml
	PRG3800	1 Gallon
Sudan Black B Solution	SBG125	125 ml
	SBG500	500 ml
	SBG999	1000 ml
Nuclear Fast Red Solution (Enhanced Stability)	NFS125	125 ml
	NFS500	500 ml
	NFS999	1000 ml
	NFS3800	1 Gallon

 Storage: 18° C  25° C



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