

Sudan Black B Stain Kit

IN VITRO DIAGNOSTIC DATASHEET

This kit is used for staining phospholipids as well as neutral fats.

INTENDED USE : IN VITRO DIAGNOSTIC USE

DESCRIPTION :

Sudan Black B stains phospholipids as well as neutral fats. There are two distinct fractions in this dye, the first stains neutral fats blue-black, whilst the second fraction (a basic dye) stains phospholipids grey. Sudan black B does not stain cholesterol, leathiris and free fatty acids.

SPECIMEN COLLECTION :

Cryostat sections air dried for 1 hour on polylysine slides.

REAGENTS :

Sudan Black Stain in 70% Ethanol	150 TEST
Ethanol 70% Solution	1x 50ml
Neutral red 0.5% aqueous	1x 50ml

** Number of TEST calculated according to 330 microliter per slide.*

CATALOG NO :

PLKit17-150

MICROBIOLOGICAL STATE : This product is not sterile.

PROCEDURE TIME : Approximate 1-2 hours.

Fixation :

1. Place 4-5ml of 40% formaldehyde solution on absorbent material in the base of a coplin jar.
2. Place cryostat sections upright in coplin jar and cover. Fix for 5—10 minutes.

PROTOCOL :

1. Rinse sections in 70% Ethanol
2. Stain for 1-2 hours in Sudan Black B Solution
3. Rinse sections in 70% Ethanol to remove excess dye for 2-3 minutes.
4. Wash in tap water for 2 minutes
5. Blot dry and counterstain in Neutral red Solution for 5 minutes.
6. Wash well in water
7. Mount in aqueous mountant or examine under immersion oil.

RESULTS :

Phospholipids:	Grey
Unsaturated Esthers/Triglycerides:	Blue/Black
Nuclei:	Red

STORAGE AND STABILITY : This product is stable for 36 months when stored in +15 /+25 C

TROUBLESHOOTING : Please contact Patolab Technical Support by e-mail (patolab@patolab.com.tr).