



VitroVivo Biotech

Make Tissues, Cells, Genes and Molecules Visible

VitroView™ Sudan Black B Stain Kit
SKU#: VB-3012

Description

Sudan Black is slightly basic dye and will combine with acidic groups in compound lipids, thus staining phospholipids also. This kit is used for lipid and fat staining on formalin fixed frozen sections. It is not suitable for paraffin embedded tissue sections. The lipid and fat will be stained blue-black and cell nuclei will be stained red.

Kit Contents

VB-3012-1 Pre-Stain Solution -----100 ml
VB-3012-2 Sudan Black B Solution -----100 ml
VB-3012-3 Differentiation Solution -----100 ml
VB-3012-4 Nuclear Fast Red Solution -----100 ml

Storage

Room temperature.

Protocol

1. Fix frozen sections in 10% formalin for 20 minutes.
2. Wash well in tap water, rinse in distilled, drain off excess water.
3. Pre-Stain Solution, two changes, 5 minutes each.
4. Sudan Black, 7 minutes, agitate.
5. Differentiation Solution, 3 minutes.
6. Rinse in distilled water.
7. Nuclear Fast Red, 3 minutes.
8. Wash in water.
9. Wash in tap water, rinse in distilled.
10. Mount with aqueous mounting media/Glycerin Jelly.

Results:

- Fat-----blue or black
- Nuclei-----red

Note: This product is intended for research purposes only. This product is **not** intended to be used for therapeutic or diagnostic purposes in humans or animals.