



OIL RED O

IVD

In Vitro Diagnostic Medical Device

Stability: 2 years under recommended storage conditions.

Storage conditions: Store at 15 - 25 °C, protected from fire and sunlight. Packing to be stored tightly closed.

Procedure duration: ~40 min.

Content: Reagents:

A - Propylene glycol absolute

B – Staining solution Oil red O

C – Propylene glycol 85% water solution

D – Mayer's haematoxylin solution

Application:

Lipid staining in frozen sections.

N.B!: The clinical interpretation of any staining, or its absence, should be complemented by morphological studies and proper controls, and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist.

N.C

All reagents have been optimally prepared for use and require no mixing or diluting.

Method:

** f rozen sections only

1. Use frozen sections.
2. Put in reagent A for 2 min.
3. Stain in reagent B for 30 min.
4. Differentiate with reagent C for 1 min.
5. Wash with distilled water 2 times.
6. Stain in reagent D for 5 min.
7. Wash with tap water – at least 2 min.
8. Mount sections in aqueous mounting medium (optional) and examine.

Results:

Nuclei - blue to black

Lipids – red

References:

1. Lillie RD and Ashburn LL, (1943), Supersaturated solutions of fat stains in dilute isopropanol for demonstration of acute fatty degeneration not shown by Herxheimer's technique. *Archs.Path.*,**36**,432
2. Pittenger MF, Mackay AM, Bech SC, Jaiswal RK, Douglas R, Mosca JD, Moorman MA, et al (1999)
3. Multilineage potential of adult human mesenchymal stem cells. *Science* 284:143-147
4. Novikoff AB, Novikoff PM, Rosen OM, Rubin CS (1980) *J. Cell Biol.* 87:180-196
5. DAKO

Producer: Emmonya Biotech Ltd, Chelopech, Sofia area, Bulgaria