

**ROWLEY  
BIOCHEMICAL  
INC.**

**DANVERS INDUSTRIAL PARK  
10 ELECTRONICS AVENUE,  
DANVERS MA 01923  
TEL: 978-739-4883 FAX: 978-739-5640  
www.rowleybio.com**

---

## **J-609, OIL RED O METHOD FOR LIPOFUCHSIN**

**FIXATION:** 10% Buffered Neutral Formalin

**SECTION:** Paraffin at 6 microns

### **STAINING PROCEDURE:**

1. Deparaffinize and hydrate to distilled water.
2. Stain in **Oil Red O Solution**, (J-609-1) for 72 hours.
3. Agitate the slide in **Propylene Glycol, 85%**, (J-609-2) for 1 minute.
4. Two changes of distilled water, 2 minutes each.
5. Stain in **Mayer's Hematoxylin**, (J-609-3) for 5 minutes. Wash in running water for 10 minutes.
6. Mount with **Glycerin Jelly**, (M-12).

### **STAINING RESULTS:**

Lipofuchsin.....Red  
Nuclei.....Blue

### **REFERENCES:**

Luna, L.G., (ed.), Manual of Histologic Staining Methods of the AFIP, 3<sup>rd</sup> edition,  
The AFIP, 3<sup>rd</sup> edition, McGraw-Hill, NY, p 186, c 1968