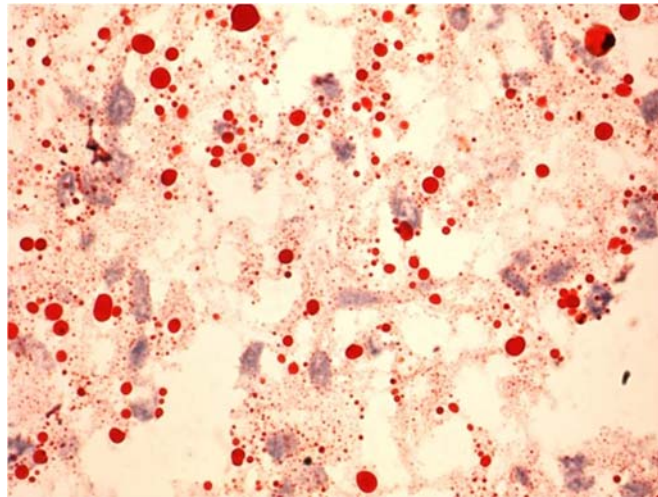


## **OIL RED O**



*Breast*

CODE	DESCRIPTION	TESTS NUMBER
04-220923	Oil Red O	100 test



In Vitro Diagnostic – medical device



Manufacturer: Bio-Optica Milano S.p.A.

Date of issue: 12/07/2018

Rev. 02

Product for the preparation of cyto-histological samples for optical microscopy.  
 Recommended method for demonstration of lipids on 5 µm frozen sections.  
 Fixation: it is recommended the use of Saline formalin or Baker's fixative in order to maintain the phospholipids.

### PRINCIPLE

Oil red O solution stains selectively cellular lipids while hematoxylin solution stains nuclei.

### METHOD

- 1) Bring the sections to the distilled water.
- 2) Put the reagent A in a Coplin Jar and immerse the slide for 20 minutes.
- 3) Wash quickly in tap water.
- 4) Drain the slide and put on the section 10 drops of reagent B: leave to act 30 seconds.
- 5) Wash in running tap water for 3 minutes.
- 6) Drain and mount in aqueous medium.

### Technical details

Method specifications	Procedure time	25 minutes	
	Complementary equipment	1 glass Coplin Jar with cap	
	Results	Lipids:	Red
Nuclei:		Blue	
Components	A) Oil Red O solution	100 ml	
	B) Hematoxylin solution	100 ml	
Storage	Storage	Store the preparation at 15 - 25°C. Keep the containers tightly closed.	
	Storage temperature	15 - 25°C	
	Stability	After the first opening, the product is usable until the expiry date, if correctly stored.	
	Validity	2 years	
Warning	Product classification	<p>The product must be used exclusively by specialized technical operators. The product is classified as hazardous.</p> <p>Read with attention the information written on the label (dangerous symbols, risks and safety phrases). Consult always the safety data sheet where the information about the risks of the preparation, precautionary measures during use, first aid and disposal are available.</p> <p>Do not use if primary packaging is damaged.</p>	
	Disposal	Hazardous preparation: observe all state and local environmental regulations regarding waste disposal.	

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