

# IMMERSION MEDIA

---

## **Principle**

The immersion media for microscopy have approximately the same refractive index as glass. Therefore, by immersion oil the deviation of the light rays is almost completely eliminated and the efficiency of microscope objectives is considerably increased.

## **Material**

Biological samples of human tissue processed for later diagnosis.

## **Reagents**

Code	Description
251002	Immersion Oil for clinical diagnosis (*)

## **Procedure**

1. Focus the preparation with the objective of lower increase.
2. Rotate and displace the nosepiece and dispense one drop of immersion oil onto the sample preparation to be observed.
3. Rotate the immersion objective into position and re-focus.
4. Observe.
5. After the observation process, clean the lens of the objective and the slide with some ethanol.

## **Technical note**

Never use the coarse focus while using the immersion lens, it could break the preparation and even the lens. The microscope used should correspond to the requirements of a clinical diagnostic laboratory. If an automatic staining device is used, the manufacturer's instructions and the software must be observed.

## **Sample preparation**

All samples should be treated according to the state of the technology.

All samples must be unambiguously labeled.

## **Diagnostics**

Diagnosis should be established only by authorized and qualified persons. Each application should involve appropriate controls to rule out erroneous results.

## **Storage**

The product should be stored at room temperature.

### **Expiration**

The product stored at the indicated temperature and in a tightly closed container is usable until the expiration date indicated on the package.

### **Notes on use**

In order to avoid errors, the staining must be carried out by specialized personnel. For professional use only. The national directives on safety at work and quality assurance must be complied with.

### **Advise on disposal of waste**

Solutions used and expired solutions should be disposed of as hazardous waste and local waste disposal regulations must be observed. If further questions are asked about disposal, they may be processed through E-Mail: [info.es@itwreagents.com](mailto:info.es@itwreagents.com). Inside the EU are valid the requirements based on Council Directive 67/548/EEC on the approximation of the laws, regulations and laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances in the relevant version.

### **Classification of hazardous substances**

Observe the classification of dangerous substances on the label and the information on the safety data sheet.

### **Manufacturer**

Panreac Química S.L.U.  
an ITW Company  
C/Garraf, 2 – Polígono Pla de la Bruguera  
E-08211 Castellar del Vallès  
(Barcelona) España  
Tel. (+34) 937 489 400  
Fax (+34) 937 489 401

---

(\*) Sanitary product for In Vitro Diagnostics

