

## 乳酚油

货号: G1601

规格: 100mL

保存: 室温, 避光保存, 有效期 1 年。

### 产品说明:

乳酚油与乳酸酚棉蓝染色液相似, 但不含棉蓝染料, 主要由苯酚、乳酸、甘油等组成, 适用于植物组织整体封藏, 如藻、花粉粒、表皮撕片等其他小材料的封藏。

乳酚油的特点是细胞不变形, 具有杀菌功能, 且不易干燥, 能保持较长时间, 是霉菌菌丝、孢子的形态学分类的重要依据。该试剂仅用于科研领域, 不适用于临床诊断或其他用途。

### 自备材料:

盖玻片、载玻片、显微镜

### 操作步骤: (仅供参考)

(一) 植物材料:

1. 取要封固的植物材料, 如藻、花粉粒、表皮撕片等。
2. 滴加乳酚油于植物材料上, 使材料接触封片液, 尽量避免气泡。

(二) 其它样品:

参考贴组织切片进行操作。

### 注意事项:

1. 封固之前应事先在背面做好圆圈标记, 以便判断后续试验的位置。
2. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

# Lactophenol Solution

**Cat:** G1601

**Size:** 100mL

**Storage:** RT, avoid light, valid for 1 year.

## Introduction

Lactophenol Solution is similar to Lactophenol Cotton Blue Stain Solution, but it does not contain cotton blue dye. It is mainly composed of phenol, lactic acid, glycerin, etc. it is suitable for the whole sealing of plant tissues, such as algae, pollen grains, cuticle tears and other small materials.

The characteristics of Lactophenol Solution are that the cells are not deformed, have bactericidal function, are not easy to dry, and can be kept for a long time, which is an important basis for the morphological classification of mycelium and spore of mold.

The reagent is only used in scientific research field and is not suitable for clinical diagnosis or other purposes.

## Self Provided Materials

Slide, Microscope

## Protocol(*for reference only*)

(一) For Plant Sample

1. Take the plant materials to be sealed, such as algae, pollen grains, cuticle avulsion, etc on the section.
2. Drop Lactophenol Solution on the plant material to make the material contact the sealing liquid and avoid bubbles as much as possible.

(二) For Other Sample

Refer to the operation of tissue slice sealing.

## Note

1. Before sealing, make circle marks shall on the back in advance to judge the position of subsequent tests.
2. For your safety and health, please wear experimental clothes and disposable gloves.