

BA021

**LACTOPHENOL**

**FORMULA**

**Reagents:**

Phenol crystals	20.00 g
Lactic acid	20.00 ml
Glycerol	20.00 ml
Distilled water	20.00 ml

**Directions:**

1. Place a drop of Lactophenol along with 0.05% Cotton blue on a clean and dry slide and place a fungal culture in it.
2. By using a nichrome inoculating wire, carefully tease the fungal culture into a thin preparation.
3. Place a coverslip on the preparation. Wait for about 5 minutes and observe first under microscope with low power lense for screening in low intensity. Then observe under high power.

**Quality Control:**

**Appearance:** Pale yellow coloured liquid.

**Microscopy:**

Fungal staining is carried out. Fungal Spores and hyphae are observed under microscope using high power (40X) objective lens after staining with Lactophenol cotton blue.

**Results:** Fungal spores and hyphae : pale to dark blue.

**Storage:** Below 30°C.

**Packing :** 100 ml

**Warning & Precautions :**

In Vitro diagnostic Use only. For professional use only. For Laboratory Use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

**Use:** used as a staining solution for wet mounting of Fungi.

**Disposal:**

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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