

Acid Fuchsin Lactate Solution (1:1, 000, 000)

Cat #: A-CSH508

Size: 100mL

Storage: Room temperature, avoid light (12 months)

Product Description

Molds are a collective term for fungi that form branched mycelium, commonly known as "moldy fungi." They often form extensively branched mycelial structures but do not produce large fruiting bodies like mushrooms. As mold mycelium is relatively thick and its spores float in the air, lactophenol cotton blue staining solution is commonly used for specimen preparation.

The millionth acid fuchsin lactic acid solution has a fast staining speed, especially for young tissues, resulting in clear cell wall structures.

Usage

1. Smear Preparation: Label the glass slide and add 2-3 drops of millionth acid fuchsin lactic acid solution to the center of the slide.
2. Using a sterilized inoculating loop or toothpick, pick a small piece of fungal colony with visible granules.
3. Place the fungal sample in the millionth acid fuchsin lactic acid solution on the glass slide and mix well.
4. Cover the sample with a clean cover slip and gently press to create a smear.
5. Observe the fungal morphology under a light microscope using low and high magnifications with immersion oil.

Notes

1. Prior to smearing, mark a circle on the back of the slide to facilitate subsequent test positioning.
2. When handling bacteria, take necessary self-protection measures. This reagent is irritating to the human body, so please exercise appropriate precautions.
3. The staining process can be affected by the duration of bacterial culture. Prolonged culture of positive bacteria may

result in bacterial dissolution and yield negative reactions.

4. For your safety and health, please wear a lab coat and disposable gloves while performing the procedure.

Disclaimer

For your safety and health, please wear a lab coat and disposable gloves while handling.