

MYCO-FIX BLUE K70001

DISCUSSION:

MYCO-FIX is a modification of the traditional Lactophenol Cotton Blue Stain, (1,2,3) traditionally used as a mounting medium, stain, and clearing agent for the identification of dimorphic fungi. This mounting medium makes a slide preparation that will last many years without the trouble of using clear fingernail polish and separate stain. Clearing, staining, and mounting is achieved in one easy step.

STORAGE:

Store at room temperature, tightly sealed to reduce evaporation

INSTRUCTIONS: (CULTURES)

1. Place a small drop of MYCO-FIX onto a clean glass slide.
2. Place either a coverslip from a slide culture or a MYCO-TAPE preparation over the drop and gently spread the fluid to eliminate air bubbles. MYCO-FIX will kill and stain fungi.
3. Allow the slide to dry on a flat surface overnight.
4. Observe slide under high or low power. Dry slides may be read under oil immersion. Fungal elements will stain a blue color allowing easy observation.

CLEAN UP

Excess MYCO-FIX may be cleaned by scraping off with a razor blade after overnight drying. MYCO-FIX is water soluble.

QUALITY CONTROL

Each batch of MYCO-FIX should be tested using an actively growing mold. Gently press the glue side of the MYCO-TAPE against the fungal colony/growth then lay it flat over the drop of MYCO-FIX already placed on a microscope slide following steps 2 to 4 above.

References:

1. McInnis M.R., Laboratory handbook of medical mycology, New York: Academic Press (1980)
2. Larone D.H., Medically important fungi: a guide to identification. Washington DC: ASM Press (1995)
3. Rhodes, Karen, The 5-minute Veterinary Consult Clinical Companion: Chapter 12-14, 2002



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