Hiculture™ Transport Swabs w/ Chlamydospore Medium in polystyrene tube **MS113**

Recommended for recovery of *Candida albicans* from clinical specimens.

Principle :

Chlamydospore medium is prepared according to the formula of Nickerson and Mankowski (1). The medium is chemically defined, semisolid supporting the survival of *Candida* species for a sufficiently long period. Sterile cotton swabs allow absorption of specimen material while polystyrene shaft allows semiflexibility to the swab stick, aiding in collection.

Description :

Each polystyrene tube contains sterile chlamydospore transport medium. Cotton swabs on polystyrene shaft is provided separately.

Quality Control :

Appearance:

Sterile Chlamydospore Medium in tubes w/ sterile cotton swabs.

Colour: Blue coloured medium.

Quantity: 8 ml of medium in tubes.

Reaction: Reaction pH of medium is 5.1 ± 0.2.

Sterility Testing :
Sterility testing was carried out by inserting sterile swab in sterile Chlamydospore Medium and then streaking on sterile Soyabean Casein Digest Agar (M290)

Result :

After incubation at 35 - 37°C upto 14 days.

Medium	Growth
Soyabean Casein Digest Agar	No growth

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Viability of *Candida* species viz. *Candida albicans* (ATCC 10231), *Candida kruisii* (ATCC 24408), *Candida tropicalis* (ATCC 1369), *Candida minosa* was established for a period upto 48 hours. Organisms grew luxuriantly and chlamydospsore formation was observed when inoculated and recovered on respective media like Sabouraud Dextrose Agar (M063) and incubated at 22-28^{0}C for 48 hours.

Storage and Shelflife :

On receipt store between 2 – 8°C with caps firmly screwed. DO NOT FREEZE. Use before expiry date on the label.

Reference :

1. Nickerson and Mankowski, 1953, J.Inf. Dis, 92:20.

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