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

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.

<table>
<thead>
<tr>
<th>Medium</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soyabean Casein Digest Agar</td>
<td>No growth</td>
</tr>
</tbody>
</table>
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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 chlamydospore formation was observed when inoculated and recovered on respective media like Sabouraud Dextrose Agar (M063) and incubated at 22-28°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:**