Id-Fungi Plates : Operating instruction

PRODUCT DESCRIPTION

Id-Fungi Plates is a culture medium with a transparent membrane, allowing growth of moulds, yeasts & dermatophytes.

PRINCIPLE:

Antibiotic and pH are specifically settled to promote fungi growth. The membrane is limiting moulds growth inside the medium but ensure a good transfer of nutrients.

PRESENTATION-APPEARANCE:

Medium ready to use: box of 20 plates

STORAGE:

At reception, store Id-fungi plates between 4 & 8°C.

LAPSING:

If storage conditions are respected, Id-Fungi Plates are useable for 3 months after production.

IN WHICH CASE USE THE ID-FP:

a. **Purification :**
With an inoculation loop, sample gently the colony of interest and settled it to the center of the plate. You can also carve a plug with a scalpel at the younger limit of the colony and settled it to the center of the plate.

b. **Culture of the sample (first intention) :**
Dispose the sample directly to the center of the plate.
Alternative 1: Make an exhaustion streak of your sample carefully on the membrane.
Alternative 2: Dispose your sample at different spots onto the membrane.

c. **Transplanting :**
With a sterile dry swab or an inoculation loop take the sample – you can also use a scalpel to carve a plug - and put it to the center of the plate.

Incubation between 25°C & 37 °C directly linked to the sample nature.

Reading results between 24h & 96h linked to the identification method used (MALDI-TOF/ Micro-Macroscopic observations) and to the species.

PERFORMANCES & QUALITY CONTROL OF ID-FUNGI PLATES

Fertility evaluation:

- *Candida albicans* ATCC 10231 48-72h 20-25°C
- *Aspergillus brasiliensis* ATCC 16404 48-72h 20-25°C
- *Trichophyton rubrum* IP 1464.83 5J 37°C

Bacterial growth inhibition:

- *Escherichia coli* ATCC 8739 48-72h 25°C

Id-FP performances were tested with two kinds of samples.

1. Collection Fungi species.

More than 21 clinical or environmental species have been tested:
*Penicillium (2), Aspergillus (4), Fusarium (1), Alternaria (2), Cladosporium(2), Trichoderma (1), Mucorals (2), Stachybotris (*1), yeasts (2), Dermatophytes (5), …

Environmental strains: Growth visible from 24h incubation at 25°C.

Yeasts: growth visible from 24h incubation 25°C.

Dermatophytes: growth visible from 48-72h incubation at 25°C.

2. Patient samples.

In progress

Wastes treatment

Remove all materials (biologic or non-biologic) as the local regulation required.

BIBLIOGRAPHIC REFERENCES

In progress

ATCC : American Type Culture Collection Trade Mark.