

Contact Plates

Sabouraud Dextrose Agar with Neutralizers

Technical Sheet

Use

- For the checking of yeast and moulds related to contaminations in the production process. For isolation and identification of pathogenic fungi.

Principle

The contact plates serve to examine surfaces in isolators and/or clean rooms. In order to inactivate any residual disinfectants on the surface to be tested, the base medium (Sabouraud Dextrose Agar) additionally contains 4 neutralizing agents.

Formula

| | |
|---------------------|------------|
| Peptone from casein | 5.00 gr/l |
| Peptone from meat | 5.00 gr/l |
| Glucose | 40.00 gr/l |
| Agar | 18.00 gr/l |
| Tween 80 | 5.00 gr/l |
| Lecithin | 0.70 gr/l |
| Histidine | 0.50 gr/l |
| Sodium thiosulfate | 0.50 gr/l |

Warning

- For industrial use only.
- Follow proper, established laboratory procedures in handling and disposing of infectious materials.

Directions

- **Sampling:** Take the plate, remove the lid and press the agar surface for 10 seconds on the surface to be investigated. Replace the lid and mark the plate with relevant data.
- Clean sample area on the surface in order to remove any remaining of the agar.
- **Incubation:** Aerobically at 20-25 ° C for 2 to 7 days.
- **Interpretation of results:** After sufficient incubation, the containers should show isolated colonies in streaked areas and confluent growth in areas of heavy inoculation. Examine containers for fungal colonies exhibiting typical color and morphology. Biochemical tests and serological procedures should be performed to confirm findings.

Limitations

1) Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.

QC Test

Q.C. Test Microbiological

Cultural characteristics observed after 2 to 7 days at 20 - 25°C; aerobic

| MICROORGANISMS (ATCC) | RECOVERY RATE |
|---|---------------|
| <i>Candida albicans</i> (10231) | ≥ 50% |
| <i>Aspergillus brasiliensis</i> (16404) | ≥ 50% |
| <i>Saccharomyces cerevisiae</i> (2601) | ≥ 50% |

Cultural characteristics observed after 72 hs at 30 - 35°C

| STERILITY | RECOVERY RATE |
|-----------|---------------|
| | No growth |

pH (post autoclaving/heating): 5.6 ± 0.2

Storage

Store between 10 to 25°C

Code

B65SDA
B65SDA-20

Packing

Box x 100 units (65mm diameter plates)
Box x 20 units (65mm diameter plates)