

INSTRUCTIONS FOR USE

SABOURAUD DEXTROSE AGAR PLATES

P90/SDA 3G-20

INTENDED USE

Recommended for the cultivation of pathogenic and non-pathogenic fungi (yeasts, moulds) from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP.

TYPES OF SAMPLES

- Pharmaceutical
- Food

SPECIMEN COLLECTION AND HANDLING

Follow the appropriate sampling technique as per standard guidelines. Sampling and transport equipment must be used in accordance with the recommendations of their suppliers for the conservation of strains.

MATERIAL REQUIRED BUT NOT PROVIDED

Standard microbiological laboratory material for culture media preparation, control, streaking, incubation, and waste disposal.

PRECAUTIONS

- Read the label details and storage before opening the pack.
- Wear protective gloves / protective clothing / eye protection / face protection.
- Follow good microbiological lab practices while handling culture.

STORAGE & SHELF LIFE

- Store at 20 -30°C.
- Use before the expiry date mentioned on the label.
- Keep away from direct light.

PHYSICAL PARAMETERS OF PREPARED PLATES

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| <input checked="" type="checkbox"/> Appearance: 90 mm petri plates with a smooth surface and absence of any particles, cracks, or bubbles. | <input checked="" type="checkbox"/> Colour: Light Yellow |
| | <input checked="" type="checkbox"/> Clarity: Opalescent |

INSTRUCTIONS FOR USE

- Open the sterile pack and remove the plates aseptically.
- Inoculate the samples on each plate & incubate the plates at 20 - 25°C for 72 hrs.
- Check the plates after 48-72 hrs for any microbial growth.
- Observe the colony morphology, characteristic microscopic structures, rate of growth of microorganisms.
- Ensure the aseptic conditions are maintained while inoculating and handling the plates.
- For settle plate method, take out the plates from the kits and transfer them aseptically to the location and expose as per the standard procedure.

INOCULATION & INTERPRETATION

Inoculum: 50-100 CFU Incubation temperature & time: 20-25°C for 48-72 hrs

Test Strains	ATCC No.	Atmosphere	Growth
<i>Aspergillus brasiliensis</i>	16404	Aerobic	Good
<i>Candida albicans</i>	10231	Aerobic	Good

LIMITATIONS & COMPLEMENTARY TESTS

- This medium is general purpose medium and may not support the growth of fastidious organisms.

DISPOSAL

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Materials that have come in contact with infectious / clinical samples must be decontaminated and disposed of in accordance with current laboratory techniques and regulations.