

PRODUCT INFORMATION

Product Type: Tubes (16×150 mm - slanted)

Cat No. TT197 - SABOURAUD DEXTROSE AGAR + CHL

Intended Use:

cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes.

Principles and uses:

The high dextrose concentration and low pH promote fungal growth while inhibiting bacterial growth. Chloramphenicol further inhibits bacterial contamination, especially in heavily contaminated samples. Sabouraud Dextrose Agar with Chloramphenicol is widely used in clinical, food, and pharmaceutical microbiology for the cultivation and identification of fungal species.

Formula:

Peptic digest of Animal Tissue 5g/L,
Pancreatic digest of Casein 5g/L,
Dextrose 40g/L,
Agar 15g/L
Chloramphenicol 0.3g/L

Storage: 15-25°C

Appearance: Beige

pH Range: 5.4 - 5.8

Package contents: 20 Tubes

Shelf life: 2.5 months

Exp. Date: Printed on label and on the item.

Required materials not supplied: Laboratory equipment as required.

Warning and Precautions:

Warning and Precautions - For professional use only. Follow good microbiological lab practices while handling specimens and culture. Do not use Tubes if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Avoid freezing and overheating. The Tubes may be used / inoculated up to the expiration date and incubated for the recommended incubation times. After use and prior to discarding, specimen containers and all contaminated material, including the used culture media and contaminated culture containers, must be sterilized or incinerated by validated procedures. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.

Waste Disposal

After interpretation all items should be destroyed by standard incineration methods.

Performance Testing Results:

Streaking from fresh colony culture.

TEST	ATCC	Incubation Temp. (°C)	Incubation Cond	Reaction 1	
<i>Candida albicans</i>	10231	20-25 °C	Aerobic, up to 7 days	Growth	
<i>Saccharomyces cerevisiae</i>	2338	20-25 °C	Aerobic, up to 7 days	Growth	
<i>Penicillium notatum</i>	10108	20-25 °C	Aerobic, up to 7 days	Growth	
<i>Penicillium expansum</i>	7861	20-25 °C	Aerobic, up to 7 days	Growth	
<i>Aspergillus brasiliensis</i>	16404	20-25 °C	Aerobic, up to 7 days	Growth	Black spores
<i>Trichophyton rubrum</i>	MYA 4438	20-25 °C	Aerobic, up to 7 days	Growth	White mycelium
<i>Escherichia coli</i>	25922	20-25 °C	Aerobic, up to 7 days	Partially inhibited	
<i>Staphylococcus aureus</i>	25923	20-25 °C	Aerobic, up to 7 days	Inhibited	