

# PRODUCT INFORMATION

Product Type: Little Dishes 50mm

**Cat No. LD502 - SDA+CHLORAM**

## Intended Use:

Sabouraud Dextrose Agar with chloramphenicol is a selective culture medium designed for the isolation and cultivation of yeasts and molds, especially from samples that may be contaminated with bacteria. The addition of chloramphenicol, a broad-spectrum antibiotic, inhibits the growth of most bacteria, allowing for the selective recovery of fungi.

## Principle and Uses:

### Sabouraud Dextrose Agar with chloramphenicol

- **Selective isolation and cultivation of fungi:** Used for clinical, food, cosmetic, and environmental samples to recover yeasts and molds, even in the presence of bacterial contamination.
- **Suppresses bacterial growth:** The high dextrose concentration and acidic pH already inhibit most bacteria; chloramphenicol further increases selectivity.

## Composition

### Sabouraud Dextrose Agar with chloramphenicol

Peptic Digest of Animal Tissue - 5 g/L

Pancreatic Digest of Casein - 5 g/L

Dextrose - 40 g/L

Agar - 15 g/L

Chloramphenicol - 0.3 g/L

**Storage:** 2-8°C

**Appearance:** Clear, yellowish to straw-colored

**pH Range:** 5.4 - 5.8

**Package contents:** 10 plates in a package

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

**Required materials not supplied:** Laboratory equipment as required.

**Warning and Precautions** - For professional use only. Follow good microbiological lab practices while handling specimens and culture. Do not use Petri dishes if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Avoid freezing and overheating. The Petri Dishes 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.

If excessive moisture is observed, invert the bottom over an off-set lid and allow to air dry in order to prevent formation of a seal between the top and bottom of the plate during incubation.

Storage Instructions: On receipt, store plates in the dark at 2–8 °C. Avoid freezing and overheating. Do not open until ready to use.

**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>Trichophyton rubrum</i>	MYA 4438	20-25 °C	Aerobic, up to 7 days	Growth	White mycelium
<i>Aspergillus brasiliensis</i>	16404	20-25 °C	Aerobic, up to 7 days	Growth	Black spores
<i>Candida albicans</i>	10231	20-25 °C	Aerobic, up to 7 days	Growth	
<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	