

PRODUCT INFORMATION

Product Type: PETRI DISHES 90mm

Cat No. PD148 - SDA IRRADIATED

PD148/3M - SDA IRRADIATED Lockable petri dish

Intended Use:

Sabouraud Dextrose Agar is a general-purpose medium used in the cultivation of yeasts, molds and aciduric microorganisms. Cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. SDA agar has a slightly acidic pH (around pH 5.6), which inhibits the growth of many bacteria, making it selective for fungi. This selectivity allows for the isolation of yeasts and molds while suppressing the growth of most bacteria.

Application:

Sabouraud Dextrose Agar (SDA) is a widely used culture medium in microbiology, particularly for the isolation and cultivation of yeasts and molds.

Composition g/L

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

Storage: 2-25°C

Appearance: light amber

pH Range: 5.4 - 5.8

Gamma Irradiation (kGy) Range: 25 – 40

Package contents: 10 plates in a package

Shelf life: 9 months

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

Performance Testing Results:

GPT: Inoculum 10-100 cfu

TEST	ATCC	Incubation Temp.(°C)	Incubation Cond.	Recovery (%)
<i>Penicillium notatum</i>	10108	20-25 °C	Aerobic, 3-5 days	70-200
<i>Aspergillus brasiliensis</i>	16404	20-25 °C	Aerobic, 3-5 days	70-200
<i>Candida albicans</i>	10231	20-25 °C	Aerobic, 3-5 days	70-200