PRODUCT INFORMATION

Product Type:

Sabouraud Dextrose Broth: Bottle product, Tubes product

Sabouraud Dextrose Agar: 90 mm Petri dish, Bottle product: 40ml – 400ml

Cat No. BP290 / TT221 - SABOURAUD DEXTROSE BROTH

Cat No. PD044 / BP029 - SABOURAUD DEXTROSE AGAR

Intended Use:

Sabouraud Dextrose Broth is used for culturing yeasts and molds and aciduric microorganisms. The USP recommends the use of Sabouraud Dextrose Broth when isolating Candida albicans from nonsterile pharmaceutical products.

Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes.

Principle and Uses:

Sabouraud dextrose media are peptone media supplemented with dextrose to support the growth of fungi. Peptones are sources of nitrogenous growth factors. The carbohydrate provides an energy source for the growth of microorganisms. Fluid Sabouraud Medium is used for cultivating yeasts, molds and aciduric microorganisms and for detecting yeasts and molds in normally sterile materials.

Sabouraud Dextrose Agar is also recommended for the testing of cosmetic and food. General Chapters <61> and <62> of the USP describe test methods for using Sabouraud Dextrose Agar when performing the microbial enumeration tests and tests for isolating *Candida albicans* from nonsterile pharmaceutical products.

Limitation of the product:

Some fungi may be inhibited by the acidic pH and antimicrobics in the medium

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Composition

Sabouraud Dextrose Broth

Peptic digest of Animal Tissue - 5g/L,
Pancreatic digest of Casein - 5g/L,
Dextrose - 20g/L

Sabouraud Dextrose Agar

Peptic Digest of Animal Tissue - 5.0 g/L
Pancreatic Digest of Casein - 5.0 g/L
Dextrose - 40.0 g/L
Agar - 15.0 g/L

Storage: 2-25 °C - Bottles, Plates. 15-25°C - Tubes
pH at RT - 5.6 ± 0.2
Appearance: Light amber, clear.

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 Bottles/Plates/Tubes if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Avoid freezing and overheating. The Bottles /Plates/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 plates should be destroyed by standard incineration methods.

Performance Testing Results Sabouraud Dextrose Broth:
GPT: inoculum 10-100 cfu.

TEST	ATCC	Incubation Temp.(℃)	Incubation Cond.	Reaction 1
Candida albicans	10231	20-25 ℃	Aerobic, 3-5 days	Good
Aspergillus brasiliensis	16404	20-25 ℃	Aerobic, 3-5 days	Good
Candida albicans	10231	30-35 ℃	Aerobic, 3 days	Good

QC performance Testing Results Sabouraud Dextrose Agar:
GPT: Inoculum 10-100 cfu.

TEST	ATCC	Incubation Temp.(℃)	Incubation Cond.
Candida albicans	10231	20-25	Aerobic, 5 days
Saccharomyces cerevisiae	2338	20-25	Aerobic, 5 days
Aspergilliensis brasiliensis	16404	20-25	Aerobic, 5 days
Penicillium expansum	7861	20-25	Aerobic, 5 days
Candida albicans	10231	30-35	Aerobic, 24 hours

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