

SABOURAUD DEXTROSE AGAR

INTENDED USE:

An acidic pH medium for the isolation of dermatophytes, other fungi and yeasts

PRINCIPLE AND INTERPRETATION:

Sabouraud Dextrose Agar is a peptone medium supplemented with dextrose to support the growth of fungi. The peptones are sources of nitrogenous growth factors. Dextrose provides an energy source for the growth of microorganisms.

COMPOSITION:

Ingredients	Gr/Liter
Mycological peptone	10 gr
Glucose(dextrose)	40 gr
Agar	15 gr

***Formula adjusted, standardized to suit performance parameters

pH: 5,6 ± 0,2

PRECAUTIONS:

For professional use only. Do not use tubes if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

TEST PROCEDURE:

Incubation at a temperature of 25±2°C and observed after 48-120 hours.

QUALITY CONTROL:**1.Sterility Control:**

Incubation 48 hours at 30-35°C and 72 hours at 20-25°C: NO GROWTH

2.Physical/Chemical Control

pH: 5,6 ± 0,2

Apperance: Light amber

3.Microbiological Control: Cultural response on Sabouraud Dextrose Agar 25± 2 °C after 48 hours and 5 days incubation..

Microorganism	Inoculum (CFU)	Results	
		Growth	Reaction
Candida albicans ATCC 10231	10-100	Good	Good
Aspergillus brasiliensis ATCC 16404	10-100	Good	Good

STORAGE CONDITIONS AND SHELF LIFE:

Store the prepared medium at 2 - 12°C. Use before expiry date on the label..Do not use beyond stated expiry date.

DISPOSAL:

Incubated medium may contain active bacteria and micro-organisms. Do not open infected medium. Infected tube should be autoclaved, incinerated or opened and soaked in a chlorine-based disinfectant (liquid bleach) for 20 minutes prior to disposal.

PACKAGING:

Katalog Number: 01011

Content/Packaging: 50 Tubes/Box

REFERENCES:

1. Carlier Gwendoline I. M. (1948) Brit. J. Derm. Syph. 60. 61-63.
2. Hodges R. S. (1928) Arch. Derm. Syph., New York, 18. 852.
3. Sabouraud R. (1910) `Les Teignes', Masson, Paris.
4. Georg Lucille K., Ajello L. and Papageorge Calomira (1954) J. Lab. Clin. Med. 44. 422-428.
5. Ajello Libero (1957) J. Chron. Dis. 5. 545-551.
6. Williams Smith H. and Jones J. E. T. (1963) J. Path. Bact. 86. 387-412.
7. Hantschke D. (1968) Mykosen. 11. 113-115



Aseptic Sterile



Batch Code



Catalogue Number



Negative Controls



Positive Controls



Use by



Temperature
Limitation



Do not reuse



Contains sufficient
for <n> tests



Look at user manual



Manufacturer