

SABOURAUD DEXTROSE BROTH (5 ML)

INTENDED USE:

Sabouraud Dextrose Broth is used for cultivation of yeasts, moulds and aciduric microorganisms.

PRINCIPLE AND INTERPRETATION:

Sabouraud dextrose media are peptone media supplemented with dextrose to support the growth of fungi. Peptone special provides nitrogen, vitamins, minerals, amino acids and growth factors. Dextrose provides an energy source for the growth of microorganisms. The low pH favours fungal growth and inhibits contaminating bacteria from clinical specimens. The acid reaction of the final medium is inhibitory to a large number of bacteria making it particularly useful for cultivating fungi and aciduric microorganisms. For isolation of fungi from contaminated specimens, a selective medium should be inoculated simultaneously. Incubate cultures for 4 to 6 weeks before reporting as negative.

COMPOSITION:

Ingredients	Gr/Liter
Dextrose	20 gr
Peptone	10 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 or other signs of deterioration.

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: Medium amber

3.Microbiological Control: Incubation at a temperature of 25±2°C and observed after 48 hours- 5 days.

Microorganism	Inoculum (CFU)	Results	
		Growth	Reactions
<i>Candida albicans</i> ATCC 10231	10-100	Good	Good
<i>Aspergillus brasiliensis</i> ATCC 16404	10-100	Good	Good
<i>Escherichia coli</i> ATCC 8739	100-1000	Partial inhibition	Partial inhibition

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: 01028

Content/Packaging:50 Tubes/Box

REFERENCES:

1. Carlier G. I. M., 1984, Brit. J. Derm. Syph., 60:61
2. Sabouraud R., 1892, Ann. Dermatol. Syphil. 3: 1061.
3. Downes F. P. and Ito K., (Eds.), 2001, Compendium of Methods for the Microbiological Examination of Foods, 4th Ed., APHA, Washington, D.C.
4. Sabouraud R., Les Teignes, Paris: Masson et Cie, 1910, p 553
5. Murray P. R., Baron J. H., Pfaller M. A., Jorgensen J. H. and Tenover F. C., (Ed.), 2003, Manual of Clinical Microbiology, 8th Ed., American Society for Microbiology, Washington, D.C.



Aseptic Sterile



Use by



Look at user manual



Batch Code



Temperature
Limitation



Manufacturer



Catalogue Number



Do not reuse



Negative Controls



Contains sufficient
for <n> tests



Positive Controls