

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 plates if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

TEST PROCEDURE:

The agar surface should be smooth and moist, but without excessive moisture. Streak the specimen as soon as possible after it is received in the laboratory. Streak the specimen onto the medium with a sterile inoculating loop to obtain isolated colonies.

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: 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
Aspegillus brasiliensis ATCC 16404	10-100	Good	Good

LIMITATIONS OF THE PROCEDURE:

For identification, organisms must be in pure culture. Morphological, biochemical, and/or serological tests should be performed for final identification.

STORAGE CONDITIONS AND SHELF LIFE:

Store the prepared medium at 2-12°C or 2-25°C. Use before expiry date on the label. Do not use beyond stated expiry date.

DISPOSAL:

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

PACKAGING:

Katalog Number: 02044

Packaging: Single wrap

Content: 10 plates/each package

RTA.KK.121 Revision Date/Revision Number:-/0 Issue Date: 01.11.2014

REFERENCES:

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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.
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STERILE A

Aseptic Sterile

LOT

Batch Code

REF

Catalogue Number

CONTROL -

Negative Controls

CONTROL +

Positive Controls



Use by



Temperature
Limitation



Do not reuse



Contains sufficient
for <n> tests



Look at user manual



Manufacturer



CE Mark