

SABOURAUD-2 % Dextrose Agar

The medium was recommended by JANKE (1961) for the cultivation of dermatophytes. GEORG et al. (1954) recommended the addition of cycloheximide, penicillin and streptomycin for the inhibition of non-pathogenic accompanying bacteria.



In Vitro Diagnostic Medical Device –

For professional use only



Version 17-10-2008

Merck KGaA, 64271 Darmstadt

*See also General Instruction for Use
„How to use Dehydrated Culture Media“*

*For MSDS, warnings and precautions see our website:
www.merck-chemicals.com*

Principle

Microbiological method.

Typical Composition (g/litre)

Petone 10.0; D(+)-glucose 20.0; agar-agar 17.0.

Preparation

Suspend 47 g/litre, autoclave (15 min at 121 °C).

■ Do not overheat.

pH: 5.6 ± 0.2 at 25 °C.

The plates are clear and yellowish-brown. Experimental Procedure and Evaluation

The plates are inoculated with sample material according to the instructions. The fungi colonies which have grown are judged macro- and microscopically.

Incubation for up to 7 days at 28 °C aerobically.

Storage

Usable up to the expiry date when stored dry and tightly closed at +15 to +25 °C. Protect from light.

After first opening of the bottle the content can be used up to the expiry date when stored dry and tightly closed at +15 to +25 °C.

Specimen

e.g. Skin, nails, sputum, exdates, open lesions.

Clinical specimen collection, handling and processing, see general instructions of use.

Experimental Procedure and Evaluation

The plates are inoculated with sample material according to the instructions. The fungi colonies which have grown are judged macro- and microscopically.

Incubation for up to 7 days at 28 °C aerobically.

For preparation of version acc. to EMMONS adjust pH to 6.9 ± 0.2 . Chloramphenicol (50 mg/l) may be added in addition.

Literature

GEORG, L.K., AJELLO, L., a. PAPAGEORGE, C.: Use of cycloheximide in the selective isolation of fungi pathogenic to man. - J. Lab. Clin. Med., 44; 422-428 (1954).

JANKE, D.: Pilznährboden nach SABOURAUD, modifiziert MERCK, ein neuer Trockennährboden zur Züchtung von Dermatophyten. - Zschr. Haut- u. Geschl.-Krankh., 15; 188-193 (1961).

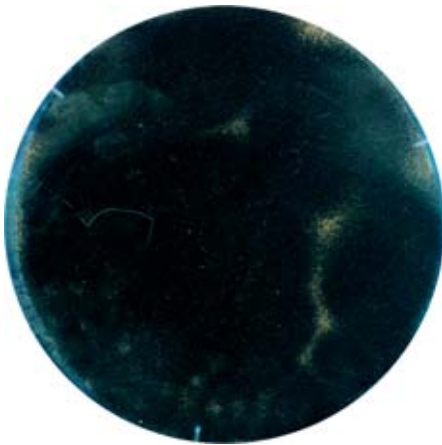
Ordering Information

Product	Ordering No.	Pack size
SABOURAUD-2 % Dextrose Agar	1.07315.0500	500 g
Merckoplate® SABOURAUD-2 % glucose Agar	1.10413.0001	1 x 20 plates
Merckoplate® SABOURAUD-2 % glucose Agar	1.15404.0001	1 x 480 plates
Penicillin	516104	
	5161	
Streptomycin	516104	
	5711	

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Quality control

Test strains	Growth
Trichophyton mentagrophytes ATCC 18748	good / very good
Trichophyton rubrum ATCC 28188	fair / good
Microsporum gallinae ATCC 12108	good / very good
Trichophyton ajelloi ATCC 28454	fair / very good
Microsporum canis ATCC36299	good / very good
Geotrichum candidum DSMZ 1240	good / very good
Candida albicans ATCC 10231	good / very good
Aspergillus niger ATCC 16404	good / very good
Penicillium commune ATCC 10428	good / very good



Aspergillus niger ATCC 16404



Geotrichum candidum DSMZ 1240