

vw 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 diagnosticum –
For professional use only*



Principle

Microbiological method

Typical Composition (g/litre)

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

Preparation and 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. Suspend 47g/litre, autoclave (15min 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.

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.

See also *General Instruction of Use*
Warnings and precautions see *ChemDAT®*
(www.chemdat.info)

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).

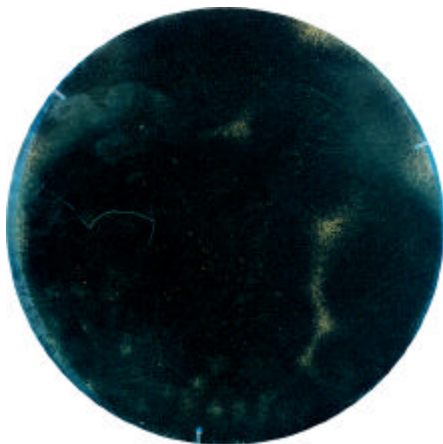
Ordering Information

Product	Merck Cat. 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 G potassium salt	CN Biosciences	
Streptomycin sulfate	CN Biosciences	

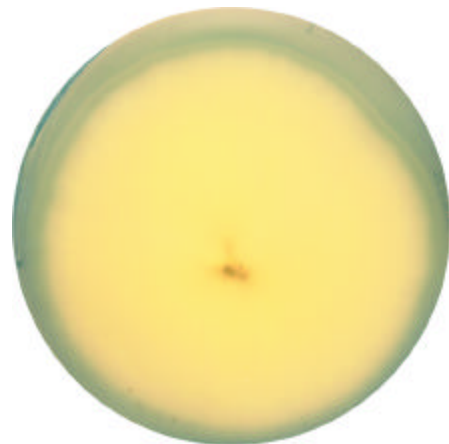
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Quality control

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