

Technical Data Sheet

CE SABOURAUD-2 % Dextrose Agar

Ordering number: 1.07315.0500

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.

This medium is used for the cultivation of fungi (yeasts, molds), especially recommended for the fungi associated with skin infections. SABOURAUD-2 % Dextrose Agar is often used with antibiotics for the isolation of pathogenic fungi from material containing a variety of other fungi or bacteria. It is only slightly selective against bacteria.

IVD in vitro diagnosticum - For professional use only

Typical Composition

Peptone	10.0 g/l
D(+)glucose	20.0 g/l
agar-agar	17.0 g/l

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.

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

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, exudates, open lesions.

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

Quality Control

Control Strains	ATCC #	Incubation	Expected Results
<i>Trichophyton mentagrophytes</i>	18748	7 d at 28 °C	Growth good / very good
<i>Trichophyton rubrum</i>	28188	7 d at 28 °C	Growth fair / good
<i>Microsporum gallinae</i>	12108	7 d at 28 °C	Growth good / very good
<i>Trichophyton ajelloi</i>	28454	7 d at 28 °C	Growth fair / very good
<i>Microsporum canis</i>	36299	7 d at 28 °C	Growth good / very good
<i>Geotrichum candidum</i>	DSMZ 1240	7 d at 28 °C	Growth good / very good
<i>Candida albicans</i>	10231	7 d at 28 °C	Growth good / very good
<i>Aspergillus niger</i>	16404	7 d at 28 °C	Growth good / very good
<i>Penicillium commune</i>	10428	7 d at 28 °C	Growth good / very good

Please refer to the actual batch related Certificate of Analysis.



Aspergillus niger ATCC 16404



Geotrichum candidum DSMZ 1240

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).



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Ordering Information

Product	Cat. No.	Pack size
SABOURAUD-2 % Dextrose Agar	1.07315.0500	500 g

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