

## SABOURAUD EMMONS DEXTROSE AGAR

For the isolation, cultivation and maintenance of yeasts and moulds

### Typical formula (g/l)

Peptocomplex	10
Glucose	20
Agar	15

### Directions

Suspend 45 g in 1000 ml of cold distilled water, heat to boiling stirring until complete dissolution. Sterilise by autoclaving at 118°C for 15 minutes. Do not exceed boiling and sterilization times and temperatures.

Final pH 6.5 ± 0.2

### Description

Sabouraud Emmons Dextrose Agar, which is prepared according to a modification proposed by Emmons of the original Sabouraud medium, is recommended by APHA for the isolation and cultivation of pathogenic fungi.

In this medium the glucose concentration is reduced to 20 g/l, and the pH is roughly neutral.

Sabouraud Emmons Dextrose Agar is an excellent base medium for the addition of antibiotics or other inhibitory compounds for the preparation of a selective medium for the cultivation of various microorganisms.

### Quality Control (25°C-72 h)

Productivity Control

*C.albicans* ATCC 18804: growth

Selectivity control

*E.coli* ATCC 25923: partially inhibited

### Reference

- AHA (1963), Diagnostic Procedures and Reagents, 4th edition

### Packaging

4020022

Sabouraud Emmons Dextrose Agar,

500 g (11.1 l)