

## SABOURAUD DEXTROSE (4%) AGAR, PH EUR - USP

A selective medium for the cultivation and isolation of pathogenic and non-pathogenic fungi, particularly dermatophytes according to PH EUR (Sabouraud Dextrose Agar – Harmonised).

<b>Dehydrated media</b>	
Code number:	500 g: SDA20500, 5 kg: SDA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	5,4 – 5,8

**Direction:** Suspend **65 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Mix well and pour into Petri-dishes or tubes (cooling in slanted position).

<b>Prepared media</b>	
Bottled media:	100 ml: SDA30100, 500 ml: SDA30500
Plated media:	55 mm: SDA50055, 90 mm: SDA50090
Tubed media:	100 x 15 mm: SDA40005 (5 ml, slant)
Colour:	Yellowish
pH (25 °C):	5,5 – 5,7

**Direction:** Dispense the melted bottled media aseptically into sterile Petri-dishes or tubes (cooling in slanted position). Media in Petri-dishes and tubes are ready to use.

### FORMULA in g/l

Casein peptone	5
Meat peptone	5
Glucose monohydrate	40
Agar	15

**Note:** The typical formula can be adjusted to obtain optimal performance.

**Storage conditions:** Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated and tubed media protected from light at 2-8 °C. Use before the expiry date on the label.

#### Quality control:

Test strains	Incubation temp: 25 °C	Growth	Incubation time: 48 h
<i>Candida albicans</i>	ATCC 10231	Good	
<i>Aspergillus brasiliensis</i>	ATCC 16404	Good	

**References:** Sabouraud (1892) Ann. Dermatol. Syphil. 3: 1061.  
European Pharmacopoeia

**In vitro diagnostic – for professional use only!**