

## Sabouraud Dextrose Agar (SDA)

**Product No.** CP145

### Intended Use

Used for cultivation of *Candida albicans* and enumeration of molds and yeasts in drug. Also used for examination of Fungus. (CP)

Used for examination of fungus for setting microbe in clean room (zone) of the pharmaceutical industry. (GB)

**Specification** 250 g

<b>Ingredients</b>	<b>(g/L)</b>
Mixture of Peptic Digest of Animal Tissue and Pancreatic(1:1)	10.0
Glucose	40.0
Agar	15.0
(pH 5.6 ± 0.2)	

### Additional Reagents

No

### Principle and Interpretation

The high concentration of Dextrose and the low pH promote the growth of yeast and molds while inhibiting bacterial growth.

### Directions

Suspend 65.0 g of the powder in 1 L of distilled water. Heat with frequent agitation and boil to dissolve completely. Autoclave at 121°C for 15 minutes.

### Precautions

No

### Quality Control

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Microorganisms	Inoculum (CFU)	Reference Medium	Method	Incubation	Growth (recovery)
<i>Candida albicans</i> CMCC(F) 98001	≤100	SDA	Growth Promotion	20°C-25°C ≤5days	0.5-2
<i>Aspergillus brasiliensis</i> CMCC(F) 98003					

Microorganisms	Inoculum (CFU)	Reference Medium	Method	Incubation	colony appearance
<i>Candida albicans</i> CMCC(F) 98001	≤100	SDA	Indicative	30°C-35°C 24h	White colonies, Surface moisture, yeasty taste.

### Storage Conditions

Keep container tightly closed and store in a dry place at 2-25°C.

### Shelf Life

3 years.

### Related Products

Product No.	Product Name	Specification
GCP145	Sabouraud Dextrose Agar (SDA)	250 g

*For laboratory use in industry or R&D purpose. Not for drug, household or other uses.*