

# PRODUCT INFORMATION

## Sabouraud Dextrose Agar

Cat. No. S19-100



**ALPHA**<sup>™</sup>  
BIOSCIENCES

Date of Issue:  
10/01/17

### DESCRIPTION

Sabouraud Dextrose Agar, otherwise known as SDA or Sab Dex Agar, is an agar medium used for the cultivation, isolation and identification of yeasts and molds.

### PREPARATION

Mix 65 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Autoclave at 121°C for 15 minutes.

#### Formula\* per Liter:

Enzymatic Digest of Casein .....	5.0g
Peptic Digest of Animal Tissue .....	5.0g
Dextrose.....	40.0g
Agar.....	15.0g

**Final pH:** 5.6 ± 0.2 at 25°C

\* Grams per liter may be adjusted or formula supplemented to obtain desired performance.

### QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and beige.
2. Visually the prepared medium is trace to slightly hazy and yellow to light amber.
3. Expected cultural response after 2-7 days at 25°C.

#### Organism:

*Aspergillus brasiliensis* ATCC 16404  
*Candida albicans* ATCC® 10231  
*Saccharomyces cerevisiae* ATCC® 9763  
*Trichophyton mentagrophytes* ATCC® 9533

#### Result:

Growth, white cottony, black spores  
Growth, off white, pasty texture  
Growth, off white, pasty texture  
Growth, white cottony

### STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.