

SDA

Product: Sabouraud Dextrose Agar

Catalogue Number: i23164

Content: 500 g

Use: Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. The medium is rendered more selective for fungi by the addition of antimicrobics.

Principle: Sabouraud dextrose media are peptone media supplemented with dextrose to support the growth of fungi. Sabouraud agar is also available with maltose substituted for the dextrose. Peptones are sources of nitrogenous growth factors. The carbohydrate provides an energy source for the growth of microorganisms. Gentamicin is an aminoglycoside antibiotic that inhibits the growth of gram-negative bacteria. Chloramphenicol is inhibitory to a wide range of gram-negative and gram-positive bacteria, and cycloheximide is an antifungal agent that is primarily active against saprophytic fungi and does not inhibit yeasts or dermatophytes.

Composition g / l:

Dextrose	40.000
Mycological, peptone	10.000
Agar	15.000

Dehydrated Appearance: Fine, light beige, homogeneous.

Solution: 6.5% solution, soluble in purified water upon boiling. Solution is pale to medium, yellow to tan, clear to slightly hazy.

Prepared Appearance: Pale to medium, yellow to tan, clear to slightly hazy.

pH at 25 °C: 5.6 ± 0.2

Storage: Store at 15-30°C in tightly closed container and the prepared medium at 2-8°C. Use before expiry date on the label

Shelf life: If stored under recommended conditions the unopened container has a shelf-life of 3 years after day of production (see expiry date on the label).