

## Sabouraud dextrose agar + Chloramphenicol

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For in vitro diagnostic use

**Cat. Number: PD080**

**Pkg:** Polystyrene 90mm Petri dishes packaged in sleeves of 10 plates in a "breathable" cellulose bag that prevents build-up of condensation and excess moisture

**Exp. Date:** Printed on label and on the item

**Required materials not supplied:** Laboratory equipment as required.

**Storage:** 2-25 °C

**Physical parameters:**

Clear to slightly hazy and light beige to amber.

**Composition g/L**

Enzymatic Digest of Casein 5 g, Enzymatic Digest of Animal Tissue 5.0 g,

Dextrose 40 g, Agar 15 g

Chloramphenicol: 0.3g/L

**Intended Use and Principle**

Selective medium for the isolation of saprophytic and pathogenic fungi and aciduric organisms. It is used in the clinic laboratories for the detection of pathogenic fungi associated with skin infection. Also used in cosmetic for the determination of fungal load and for the microbiological evaluation of food.

Enzymatic Digest of Casein and Enzymatic Digest of Animal Tissue provide the nitrogen and vitamin sources required for organism growth in Sabouraud Dextrose Agar W/ Chloramphenicol. The high concentration of Dextrose is included as an energy source. Chloramphenicol is a broad-spectrum antibiotic inhibitory to a wide range of Gram-negative and Gram-positive bacteria. Agar is the solidifying agent.

**Interpretation**

Microorganism	Appearance
<i>Trichophyton rubrum</i>	Growth
<i>Penicillium notatum</i>	Growth
<i>Aspergillus brasiliensis</i>	Growth
<i>Candida albicans</i>	Growth
<i>Saccharomyces cerevisiae</i>	Growth
<i>Escherichia coli</i>	Inhibited
<i>Staphylococcus aureus</i>	Inhibited

\*Yeasts grow creamy to white colonies.

\*Molds will grow as filamentous colonies of various colors

**Waste Disposal**

After interpretation all plates should be destroyed by standard incineration methods.