

ASDB002**Sterile Sabouraud Dextrose Broth**

Sabouraud Dextrose Broth is used for cultivation of yeasts, moulds and aciduric microorganisms.

Composition**Ingredients Gms / Litre**

Mixture of Peptone & Tryptone	10.000
Dextrose	20.000

Appearance:

Sterile Sabouraud Dextrose Broth in tube

pH (at 25°C):

5.40 to 5.80

Principle:

Sabouraud dextrose media are peptone media supplemented with dextrose to support the growth of fungi. Peptone & Tryptone provides nitrogen, vitamins, minerals, amino acids and growth factors. Dextrose provides an energy source for the growth of microorganisms. The low pH favours fungal growth and inhibits contaminating bacteria from clinical specimens. The acid reaction of the final medium is inhibitory to a large number of bacteria making it particularly useful for cultivating fungi and aciduric microorganisms. For isolation of fungi from contaminated specimens, a selective medium should be inoculated simultaneously. Incubate cultures for 4 to 6 weeks before reporting as negative.

Quantity of Medium

10 ml medium in 15 ml tube with screw cap

Cultural Response

Cultural characteristics observed after incubation at 20-25°C for 5 days and recovery should be greater than 70%.

Sterilization Method

Sterilized by autoclaving at 121 °C as per validated cycle

Sterility Test:

Passes release criteria.

Shelf Life and Storage Conditions:

Use before expiry date on the label and store below 25°C.

Reference Pharmacopoeia:

USP/EP / BP / JP