

SABOURAUD BROTH

Ready to use tubes

INTENDED USE

Ready to use liquid medium for the cultivation of yeasts, moulds and acidophilic bacteria.

TYPICAL FORMULA (g/l)

Tryptone	5
Peptone	5
Glucose	20

final pH 5.7 ± 0.2

DESCRIPTION

Sabouraud Broth is used for the cultivation of yeasts, moulds and acidophilic bacteria. The meat and casein peptones in the medium provide the ingredients necessary for growth of yeasts and moulds. The acid pH inhibits the growth of bacteria, with the exception of those which are acidophilic.

TECHNIQUE

Once inoculated, Sabouraud Broth should be protected from light and incubated at 25-30°C for 1-4 weeks, or longer. Examine for growth by comparing turbidity to an un-inoculated control. Subculture onto an appropriate agar medium when growth is seen. Identification of fungi is performed by observing various aspects of colony morphology, characteristic microscopic structures, rate of growth. Yeasts are identified by performing various biochemical tests.

LIMITATIONS

It is recommended that biochemical and or/serological tests be performed on colonies from pure culture for complete identification.

STORAGE

Store at 2-8° away from direct light - When stored as directed the tubed media remain stable until the expiry date shown on the label. Do not use beyond stated expiry date. Media should not be used if there are any signs of deterioration, discoloration or contamination.

PRECAUTIONS

For *in vitro* diagnostic use only. Observe approved biohazard precautions and aseptic techniques. To be used only by adequately trained and qualified laboratory personnel. Sterilize all biohazard waste before disposal.

REFERENCES

- APHA (1963) - Diagnostic Procedures and Reagents.
- Booth, C. (1971) - Methods in Microbiology Vol. 4. London: Academic Press.
- Haley, L.D., Trandel, J., and M.B. Coyle (1980) - Practical methods for culture and identification of fungi in the clinical microbiological laboratory. Cumitech n. 11, ASM, Washington, D.C.
- National Formulary (1950), 9th edition.

PACKAGING
552000

Sabouraud Broth

20x9 ml ready to use tubes