

SABOURAUD DEXTROSE AGAR WITH CAF 50

Ready to use tubes

INTENDED USE

Ready to use medium for the isolation, cultivation and maintenance of yeasts and moulds.

TYPICAL FORMULA (g/l)

Peptocomplex	10.00
Glucose	40.00
Chloramphenicol	0.05
Agar	15.00

final pH 5.6 ± 0.2

DESCRIPTION

Sabouraud Dextrose Agar, supplemented with 50 mg/L or 500 mg/L of chloramphenicol, is used for the isolation of pathogenic and opportunistic fungi (*Aspergillus*, *Fusarium*, *Mucor*, *Rhizopus*, ecc.) from clinical specimens and for the isolation of ciclohexymide susceptible fungi (*Allescheria boydii* and *Cryptococcus neoformans*).

TECHNIQUE

Inoculate the specimen by streaking the surface of the slope of the tubed medium, in duplicate. Press cutaneous specimens lightly into medium. Incubate one tube at 22-25°C and the second at 35°C for 5-30 days with the caps loosened. Identification of fungi is performed by observing various aspects of colony morphology, characteristic microscopic structures, rate of growth, media which support the organisms growth and source of specimen. Yeasts are identified by various biochemical tests. Refer to appropriate microbiological handbook for the details of mycological examination of specimens.

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**552006****Sabouraud Dextrose Agar w/CAF 50****20 ready to use slanted tubes**