

CM 21537 - SABOURAUD DEXTROSE AGAR (VEG.)

INTENDED USE

For cultivation of yeasts, molds and aciduric microorganisms.

PRODUCT SUMMARY AND EXPLANATION

Sabouraud Dextrose Veg Agar is prepared by completely replacing animal based peptones with vegetable peptones that makes the medium free of BSE/TSE risks. Sabouraud Dextrose Veg Agar is the modification of Carlier's formulation which is based on of the formulation described by Sabouraud for the cultivation of fungi (yeasts, moulds) particularly useful for the fungi associated with skin infections.

Some pathogenic fungi may produce infective spores which are easily dispersed in air, so examination should be carried out in a safety cabinet.

COMPOSITION

Ingredients	Gms / Ltr
Veg peptone No. 4	10.0
Dextrose	40.0
Agar	15.0

PRINCIPLE

Veg peptone No.4 provides nitrogenous compounds. Dextrose serves as an energy source. The low pH favors fungal growth and inhibits contaminating bacteria from clinical specimens. Agar acts as a solidifying agent.

INSTRUCTION FOR USE

Dissolve 65.0 grams in 1000 ml distilled water.
Heat to boiling to dissolve the medium completely.
Sterilize by autoclaving at 15 psi pressure (121°C) for 15 minutes.
Cool to 45-50°C. Mix well and pour into sterile Petri plates.

QUALITY CONTROL SPECIFICATIONS

Appearance of Powder : Light yellow coloured, may have slight greenish tinge, homogenous, free flowing powder
Appearance of prepared medium : Light amber coloured, clear to slightly opalescent gel forms in petri plates
pH (at 25°C) : 5.6±0.2

INTERPRETATION

Cultural characteristics observed after an incubation.

Microorganism	ATCC	Inoculum (CFU/ml)	Growth	Recovery	Incubation Temperature	Incubation Period
Aspergillus niger	16404	10 -100	Luxuriant	≥70%	25-30°C	48 - 72 Hours



Candida albicans	10231	10 -100	Luxuriant	>=70%	25-30°C	48 - 72 Hours
Escherichia coli	25922	50 -100	Luxuriant (inhibited on media with lower pH)	>=70%	25-30°C	48 - 72 Hours
Saccharomyces cerevisiae	9763	10 -100	Luxuriant	>=70%	25-30°C	48 - 72 Hours
Trichophyton rubrum	28191	10 -100	Luxuriant	>=70%	25-30°C	7 Days

PACKAGING:

Inpacksize of 100 gm and 500 gm bottles.

STORAGE

Dehydrated powder, hygroscopic in nature, store in a dry place, in tightly-sealed containers between 25-30°C and protect from direct sunlight. Under optimal conditions, the medium has a shelf life of 4 years. When the container is opened for the first time, note the time and date on the label space provided on the container. After the desired amount of medium has been taken out replace the cap tightly to protect from hydration.

Product Deterioration: Do not use if they show evidence of microbial contamination, discoloration, drying or any other signs of deterioration.

DISPOSAL

After use, prepared plates, specimen/sample containers and other contaminated materials must be sterilized before discarding.

REFERENCES

1. Carlier G.I. M., 1948, Brit. J. Derm. Syph., 60:61.
2. Sabouraud K., 1892, Ann. Dermatol. Syphilol, 3:1061.
3. Murray PR, Baron EJ, Pfaller MA, Tenover FC, Tenover FC (editors) 2003, Manual of Clinical Microbiology, 8th ed., ASM, Washington, D.C.

 Good Manufacturing Practices Certified	 For In Vitro Diagnostic Use	 Quantity	 Lot / Batch Number	 Catalogue Number	 Manufacturer
 Temperature Unit	 Authorized Representative Mallatier GmbH Buckhorn 15, 40147 Düsseldorf, Germany	 European Conformity	 QR Code	 Consults Instructions for Use	 Best Before

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

*For Lab Use Only

