



Sabouraud Dextrose Agar with Chloramphenicol

Selective medium for the isolation of yeasts and moulds from clinical and other samples.

Product Description

Name :	Sabouraud Dextrose Agar with Chloramphenicol		
Catalog Number :	A2WUW2, 500 g A2WUW3, 10 plates		
Formula in g/l :	Glucose		40.00
	Bacterial Agar		15.00
	Peptone mixture		10.00
	Chloramphenicol		0,50
Final pH:	5,6 ± 0,2 at 25°C		

Storage: 2-25°C. Once opened keep powdered medium closed to avoid hydration.

Sabouraud Dextrose Agar with Chloramphenicol can be used for culturing yeast, moulds and aciduric microorganisms. It is used for cultivating pathogenic fungi, particularly those associated with skin infections. This medium is also used for determining the microbial and fungal content of cosmetics and for the mycological evaluation of food. The formula is based on the European Pharmacopoeia. Glucose is the carbohydrate energy source. The peptone mixture is the nitrogen, vitamins and amino acids source. The high glucose concentration and acidic pH and chloramphenicol make this medium selective for fungi.

Directions for use

Preparation

Suspend 65,5 grams of the medium in one litre of distilled water. Mix well and dissolve by heating with frequent agitation until complete dissolution. Sterilize in autoclave at 121°C for 15 minutes. Cool to 45-50°C, mix well and pour into Petri dishes.

AVOID OVERHEATING as it facilitates the hydrolysis of the components and the medium remains soft. The prepared medium should be stored at 8-15°C.

Use

Inoculate the plates
Incubate

FT-A2WUW2

- Candida species at 37°C / 48-72 hours
- moulds at 25-30°C / 7-14 days

Microbiological test

The following results were obtained in the performance of the medium from type cultures after incubation at a temperature of 30°C and observed after 3-7 days.

Microorganisms	Growth
<i>Candida albicans</i> ATCC 2091	Good
<i>Canida tropicalis</i> ATCC 750	Good
<i>Escherichia coli</i> ATCC 25922	Inhibited
<i>Staphylococcus aureus</i> ATCC 25923	Inhibited

References

- Sabouraud, Ann. Dermat and Syphilol 1892-3. Gerog J. Lab. CLin. Med. 67;355 1953
- Murray, P.R., E.J baron, M.A. Pfaller, E.C. Tenover, and R.H. YOLKEN (ed.) 1995. Manual of clinical microbiology, 6th ed. American Society for Microbiology, Washington, D.C
- Beuchat, L.R., J.E Corry, A.D King, Jr. and J.I Pitt (ed) 1986 Methods for the mycological examination of food. Plenum Pres, New York European Pharmacopoeia. 7.0

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>. Please inquire for higher quantities (availability, shipment conditions).

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