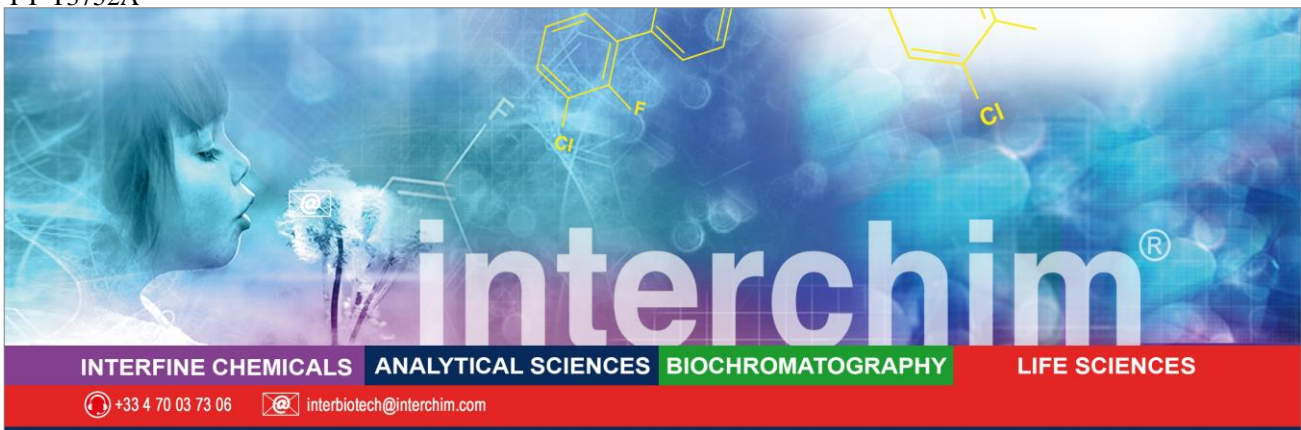


FT-T3752A



2xYT AGAR

Product Description

Name :	2xYT Agar			
Catalog Number :	A2X2C0, 500 g			
Formula in g/l :	Tryptone	16.00	Yeast Extract	10.00
	Sodium Chloride	5.00	Bacteriological agar	15.00
	Final pH 7.0 ± 0.2 at 25°C			

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

Directions for use

Preparation

Suspend 46 grams of the medium in one liter of distilled water .Mix well. and dissolve by heating with frequent agitation. Boil for one minute until complete dissolution. Dispense into appropriate containers and sterilize in autoclave at 121°C for 15 minutes. The prepared medium should be stored at 2-8°C.

Guidelines for use

The 2*YT AGAR medium formula is optimal for the growth and maintenance of M13 phages or other fibrous bacteriophages. The 2*YT AGAR components provide nitrogen and other growth factors which permit the bacteriophages to be reproduced in big quantities without the host weak. Escherichia coli growth faster on the enrichment medium as provide aminoacid, nucleotide precursors, vitamins and ot her metabolite which in another way it should be synthesized by the cell.

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Microbiological test

The following results were obtained in the performance of the medium from type cultures after incubation at a temperature of $35 \pm 2^{\circ}\text{C}$ and observed after 18 - 24 hours.

Microorganisms		Growth
<i>Escherichia coli</i>	ATCC 23724	Good
<i>Escherichia coli</i>	ATCC 33694	Good
<i>Escherichia coli</i>	ATCC 33849	Good

References

- Principles Of Virology: Molecular Biology, Pathogenesis And Control Of Animal Viruses
J.S. Flint, L.W. Enquist, V.Racaniello y A.M. Shalka. 2004. 2^a ed. ASM PRESS, Washington, D.C
Principles Of Virology: Molecular Biology, Pathogenesis And Control.
J.S. Flint, L.W. Enquist, R.M. Krug, V.Racaniello and A.M.Shalka. 2000.1^a ed. Blackwell Science Ltd.

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

[Order on-line](#) or [Contact](#) your local distributor

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