

STREPTO B CHROMOGENIC AGAR

For in vitro diagnostic use

Selective and differential medium for isolation of Group B streptococci.

DESCRIPTION

STREPTO B CHROMOGENIC AGAR B is a selective and differential medium for isolation of Group B streptococci.

PRINCIPLE

Peptone is a product of controlled enzymatic hydrolysis of casein and together with heart extract provide peptides and free amino acids. Yeast extract is a source of amino acids and vitamins of group B. The chromogenic selective mix allows the inhibition of Gram-negative and Gram-positive microorganisms except *S. agalactiae*, and its differentiation respect other streptococci. Agar is the solidifying agent.

COMPOSITION	g/L
Heart Extract	3.5
Yeast Extract	10.0
Casein Peptone Plus	2.5
Soy Peptone	3.5
Chormogenic Selective Mix	2.225
Agar	15.0

Final pH 7,2 ± 0,2 at 25°C

WARNING AND PRECAUTIONS

For in vitro diagnostic use.

Observe the precautions normally taken when handling laboratory reagents.

Prepared Medium: The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous.

Safety Data Sheet is available on request for professional users.

All wast must be disposed of according to local directives.

STORAGE AND STABILITY

Prepared medium: 2-8°C

The product is stable until the expiration date indicated on the label under the recommended storage conditions.

PROCEDURE

Inoculate the plates by streaking the specimen onto the medium surface, using a sterile loop. Incubate at: 36±1°C for 24-48 hours.

RESULTS

Streptococcus agalactiae shows bright blue-green colonies. In the initial phase of growth such colonies may appear with white center. *Enterococcus faecalis* shows mauve colonies.

QUALITY CONTROL

Prepared medium: Slightly opalescent, light amber.

Typical response after incubation at 36±1°C for 24-48 hours, in aerobiosis

MICROORGANISM	GROWTH
<i>Streptococcus agalactiae</i> ATCC® 13813	Good/blue-green colonies
<i>Enterococcus faecalis</i> ATCC® 19433	Good/mauve colonies

PRESENTATION

Prepared medium:

STREPTO B CHROMOGENIC AGAR

20 plates 3341409/20

REFERENCES

- Murray P.R. *Manual of Clinical Microbiology* 7th ed. 2005 p. 64- 67. ASM Press, Washington, D.C.
 - Finegold S.M. *Diagnostic Microbiology* 7th ed. 1986. p.205- 224. Published C.V. Mosby Co. St. Louis
 - Dunne, W. M. Comparison of selective broth medium plus neomycin-nalidixic acid agar and selective broth medium plus Columbia colistin-nalidixic acid agar for detection of group B streptococcal colonization in women. *Journal of clinical microbiology*. 11/1999; 37(11):3705-6. ISSN: 0095-1137.

SYMBOLS



Read the instructions



Biological hazard



CE Mark (product complies with the requirements of Regulation (EU) 746/2017)



Temperature limitation



Use by



For in vitro diagnostic use



Manufacturer