

For the detection of Group B Streptococci

HiCrome™ Strep B Selective Agar Base / Modified

Recommended for selective isolation of Group B streptococci from clinical samples.

M1840/
M1966

Quality Control

- Appearance of Powder** : Cream to yellow (M1840), light yellow to pink (M1966) homogeneous free flowing powder
- Gelling** : Firm, comparable with 1.5% Agar gel
- Colour and Clarity of prepared medium** : Yellow coloured (M1840) opaque gel forms in Petri plates or red coloured (M1966) clear to slightly opalescent gel forms in Petri plates.
- Reaction** : Reaction of 3.77% w/v (M1840) and 3.68% w/v (M1966) aqueous solution at 25°C.
pH : 7.3 ± 0.2.
- Cultural Response** : Cultural characteristics observed with added HiCrome™ Strep B Selective Supplement (FD273), after an incubation at 35-37°C for 18 - 24 hours.

Organism (ATCC)	Inoculum (CFU)	Growth	Recovery	Colour of Colony (M1840)	Colour of Colony (M1966)
<i>Streptococcus agalactiae</i> (13813)	50-100	luxuriant	≥50%	blue	purple
<i>Escherichia coli</i> (25922) (00013*)	≥10 ³	inhibited	0%	—	—
<i>Neisseria meningitidis</i> (13090)	≥10 ³	inhibited	0%	—	—
<i>Staphylococcus aureus</i> subsp <i>aureus</i> (25923) (00034*)	≥10 ³	inhibited	0%	—	—
<i>Enterococcus faecalis</i> ATCC 29212 (00087*)	50-100	luxuriant	≥50%	—	bluish green
<i>Enterococcus faecium</i> ATCC 19434 (00010*)	50-100	luxuriant	≥50%	—	green w/ yellow background

Key: * = corresponding WDCM Numbers

Storage and Shelf-life

Store between 2-8°C in a tightly closed container and the prepared medium at 2-8°C. Use before expiry date on the label. On opening, product should be properly stored dry, after tightly capping the bottle in order to prevent lump formation due to the hygroscopic nature of the product. Improper storage of the product may lead to lump formation. Store in dry ventilated area protected from extremes of temperature and sources of ignition Seal the container tightly after use. Use before expiry date on the label.

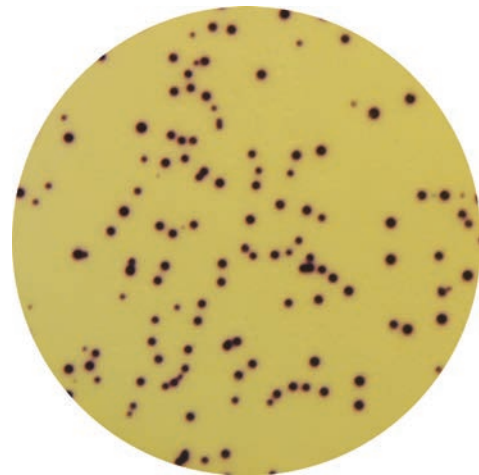
Product performance is best if used within stated expiry period.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques (5, 6).

References

1. Anthony BF, Okada DM, Hobel CJ. Epidemiology of group B Streptococcus: longitudinal observations during pregnancy. J.Infect Dis 1978; 137:524-30.
2. Murray P.R., Baron J.H., Manual of Clinical Microbiology Murray P. R., Baron J. H. Pfaller M. A., Jorgensen J. H. and Tenover F. C., (Eds.), 2003, Manual of Clinical Microbiology, 8th Ed., American Society for Microbiology, Washington, D.C.
3. NHS Processing swabs for Group B Streptococcal carriage Issue no.2.1,2006.
4. Prevention of perinatal group B Streptococcal disease: a public health perspective. Centres for Disease control and Prevention. MMWR Recomm Rep 1996; 51:1-22.
5. Isenberg, H.D. Clinical Microbiology Procedures Handbook. 2nd Edition.
6. Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S. and Warnock, D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1.



M1966 HiCrome™ Strep B Selective Agar Base / Modified
Streptococcus agalactiae ATCC 13813