

Islam's Agar

BC 2162

A medium for the isolation and presumptive isolation of group B streptococci.

Formula grams per litre

Peptone mixture	23.0
Soluble Starch	5.0
Di-sodium hydrogen phosphate	2.0
Bacteriological Agar	12.0

pH: 7.7 +/- 0.2

Appearance: Buff, opalescent gel.

Preparation

Suspend 45.75 grams of powder in 950ml of deionised water. Allow to soak for 10 minutes then bring to the boil with frequent swirling. Sterilise at 121°C for 15 minutes. Cool to 50°C and add 50 ml sterile horse serum.

Storage of Prepared Media

Plates should be stored in the dark at 4-8°C. Plates should be used within 1 week.

Quality Control Organisms- Suggestions

Gp B Streptococcus		

Directions for use:

Inoculate by surface spreading. Incubate anaerobically at 37°C for 18-24 hours. Group B Streptococci produce bright orange-red pigmentation.

References

- Vincent W.F., Gibbon W.E., Gaafar H.A. Appl Microbiol 1971; 22: 942-943
Isenberg H.D., Goldberg D, Sampson. Appl Microbiol 1970; 20: 433-436
Gunn B.A., Ohashi D.K., Gaydos C.A. Holt. E.S., J.Clin Microbiol 1977;5: 650-655
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