

Sigma GBS™

**Direct enrichment for *Streptococcus agalactiae*.
For automated or manual processing.**

- Convenient format for screening for Group B Streptococcus colonisation.
- Lim Broth Medium
- Enrichment of specimens ready for direct plating on chromogenic agar
- Interfering bacteria inhibited, including *E. coli*
- Simpler processing and faster turnaround
- Convenient Snap 'n' Cap format for easy specimen handling.
- Liquid format compatible with automated processing platforms



Sigma GBS™

Direct enrichment for *Streptococcus agalactiae*. For automated or manual processing.

Sigma GBS™ is a swab based device for the direct collection and rapid processing of screening specimens for *Streptococcus agalactiae* (commonly known as Group B Streptococcus) a leading cause of illness in newborn babies.



The illness can result in death or serious life changing consequences. *Streptococcus agalactiae* can be carried by the mother and can sometimes be passed onto the baby during labour. Some countries now have screening programmes to identify carriers with a view to offering antibiotics during labour.



Each device includes a vial of enrichment broth and a swab which can be snapped into the vial. After collecting the specimen, the vial should be incubated overnight at 37°C before inoculation onto a suitable chromogenic agar medium for the direct detection and identification of *Streptococcus agalactiae*. The vial is compatible with all current automated processing platforms.

Sigma GBS™ includes 2ml Sigma GBS™ medium contained in a standard Sigma vial with light blue screw cap. The medium will promote growth of *Streptococcus agalactiae*, while inhibiting any growth of other bacteria such as *E. coli* which would be expected normally in the same specimens.



The set also includes a standard Sigma swab with cellular polyurethane foam bud. The swab is used to collect specimen in normal way from vagina or rectum in accordance with local procedures. The swab is then snapped into the vial. When the cap is replaced, the swab is automatically "captured" by the cap.

After specimen collection the vial can be incubated immediately or taken to the laboratory for incubation. Best results are obtained following incubation overnight at 37°C. If a more rapid diagnosis is required, the specimen can be tested using molecular methods.




References:

1. Verani, J.R., L. McGee & S.J. Schrag, 2010, Prevention of Perinatal Group B Streptococcal Disease, Revised Guidelines from CDC, 2010, *Morbidity and Mortality Weekly Report*, November 19, 2010 / Vol. 59/ No. RR-10, www.cdc.gov/mmwr
2. Jones, D.E., E.M. Friedl, K.S. Kanarek, J.K. Williams, & D.V. Lim, 1983, Rapid Identification of Pregnant Women Heavily Colonized with Group B Streptococci, *J. Clin. Microbiol.*, 18, 558-560

Sigma GBS™ is CE-marked

Sigma GBS™ conforms to the requirements of the European Medical Devices Directive and In Vitro Medical Devices Directive.

Order Information

Product Code	Description	Pack
MWGBS	Sigma GBS™ with 2ml medium, with standard Sigma swab (cellular foam tip)	125 
MWGBST	Sigma GBS™ with 2ml medium – Tube only	50