Σ-GBS™

Group B Streptococcus is a type of bacterium also known as GBS, Group B strep, or *Streptococcus agalactiae*. It is also the main cause of sepsis and meningitis in babies under 3 months of age.

CONVENIENT, QUICK & DIRECT ENRICHMENT OF STREPTOCOCCUS AGALACTIAE

GLOBALLY EACH YEAR:

- 21 million women carry *Streptococcus agalactiae*
- 33,000 women develop invasive *Streptococcus agalactiae* infection during pregnancy or soon after birth
- **57,000** babies are stillborn with *Streptococcus agalactiae* infection
- **320,000** babies develop invasive *Streptococcus agalactiae* infection
- 90,000 babies under 3 months die from *Streptococcus agalactiae*

Data obtained from Group B Strep Support Charity (available online at gbss.org.uk)

WHERE DOES MWE FIT IN?

MWE has introduced a specimen collection medium called Σ -GBSTM to the market. It enables direct collection and rapid processing of specimens for screening for *Streptocccus agalactiae*.

 Σ -GBSTM comes in a peel pouch with a 2ml vial of Lim broth (for the enrichment of *Streptococcus agalactiae*) and a swab which can be snapped into the vial.

It includes a vial of an enrichment broth, which means that after incubation, the specimen is ready for direct plating on chromogenic agar for the detection and identification of *Streptocccus agalactiae*, or for testing by molecular techniques such as PCR.

MWE's Σ -GBSTM is being used worldwide for the screening of *Streptococcus agalactiae*.

For urgent cases when using molecular methods, Σ -GBSTM has an enrichment broth that helps grow Streptococcus and inhibit other bacteria, which can help with quick and convenient testing.







BENEFITS

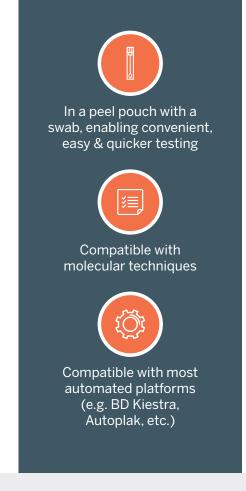
- Convenient format for screening for Streptococcus agalactiae colonisation
- Enables direct plating on chromogenic agar
- MWE's GBS media inhibits any interfering bacteria including E.coli
- Liquid format compatible with automated and molecular platforms
- Convenient Snap 'n' Cap format for easy specimen handling

HOW IS ∑-GBS[™] USED?

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*.

HOW IS TESTING DONE FOR GROUP B STREP

Through the pregnancy a urine test is done, however closer to giving birth (i.e. from 37 weeks) a vaginal and/ or rectal swab test is done. The benefit of swabbing closer to the birth is that it helps to detect low numbers of colonies which can still be present and prove dangerous to the baby.



HOW TO ORDER

PRODUCT CODE	DESCRIPTION	QUANTITY
MWGBS	MWGBS Sigma GBS™ with 2ml medium, with standard Sigma swab (cellular foam tip)	125
MWGBST	MWGBST Sigma GBS™ with 2ml medium (tube only)	50



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