

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-GBS™ to the market. It enables direct collection and rapid processing of specimens for screening for *Streptococcus agalactiae*.

Σ-GBS™ 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 *Streptococcus agalactiae*, or for testing by molecular techniques such as PCR.

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

For urgent cases when using molecular methods, Σ-GBS™ 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 Σ -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.



In a peel pouch with a swab, enabling convenient, easy & quicker testing



Compatible with molecular techniques



Compatible with most automated platforms (e.g. BD Kiestra, Autoplak, etc.)

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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