

▶ BD MAX™ GBS

How can you achieve



IMPACT?

“Regardless of the test selected to identify GBS, use of an enrichment broth improves detection substantially.”¹

Expand your lab’s molecular testing potential

- ▶ Workflow efficiency for timely patient management²
- ▶ Diagnostic speed and accuracy to aid in fast, appropriate treatment²
- ▶ Platform versatility to meet emerging testing needs³

Visit moleculardiagnositics.bd.com to find out how



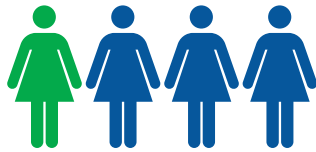
BD MAX™ System



Elevate the standard of care

Meet the BD MAX™ GBS assay

Despite progress made in prevention and treatment, Group B *Streptococcus* (GBS) remains a leading infectious cause of morbidity and mortality among infants in the United States.¹ GBS is naturally carried in some women, and if passed during labor may cause serious health consequences for the newborn.



1 in 4 pregnant women

carry GBS, the leading cause of bacteremia and meningitis in newborns in the first week of life.⁴

Why change?

Protect newborns from GBS disease

- Best practices in prenatal care include testing pregnant women for GBS between 35 to 37 weeks of gestation¹
- Health risks to infants with GBS disease include meningitis, sepsis, pneumonia, and respiratory distress¹
- Women that test positive for GBS should receive antibiotics during labor to reduce the likelihood of transmission¹

Diagnostic options for antepartum women

	Conventional culture ²	PCR post-enrichment ^{1,6}
Sensitivity	42.3 – 85.5%	92.5 – 100%
Turnaround time	3 – 4 days	1 – 2 days

Lim Broth enrichment followed by identification is recommended by the Centers for Disease Control and Prevention (CDC) to provide accurate identification of GBS in pregnant women.¹

Why now?

Enhance lab efficiency and productivity with the BD MAX™ GBS assay

The BD MAX GBS assay, run on the fully-automated, easy-to-use BD MAX™ System, detects GBS DNA in Lim Broth cultures from antepartum women.⁶ The BD MAX System accommodates on-demand and batch workflows to meet your laboratory's needs.



of hands-on time per sample⁷



turnaround time for 1 to 4 samples⁷



walkaway convenience for 24 samples⁷

*post-enrichment

Leverage a broad, expanding suite of molecular solutions

Women's Health and STIs	<ul style="list-style-type: none"> • CT/GC/TV • GBS • Vaginal Panel
Enteric Solutions	<ul style="list-style-type: none"> • Enteric Bacterial Panel • Enteric Parasite Panel • Extended Enteric Bacterial Panel
Healthcare-Associated Infections	<ul style="list-style-type: none"> • Cdiff • MRSA XT • StaphSR

Why BD? The right precautions for mother and child starts with the right diagnosis. The BD MAX GBS assay utilizes Lim Broth enrichment to improve detection accuracy of GBS versus conventional methods, while enhancing laboratory productivity.

Reference

1. Centers for Disease Control and Prevention. Prevention of Perinatal Group B Streptococcal Disease: Revised Guideline from CDC. Morbidity and Mortality Weekly Report, November 19, 2010;59(No. RR-10);1-23 2. Centers for Disease Control and Prevention. Recommendations for the laboratory based detection of Chlamydia trachomatis and Neisseria gonorrhoeae—2014. MMWR Recomm Rep. 2014;63(RR-02):1-19. 3. "Felder RA et al. Process evaluation of an open architecture real-time molecular laboratory platform. J Lab Autom. 2014;19(5):468-473." 4. <https://www.cdc.gov/groupbstrep/about/fast-facts.html>. 5. Montague et al., J Clin Micro 2008;46:3470-3472. 6. Package insert 7. Internal Data

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