Help protect your newborn from infection

The BD MAX™ GBS Assay provides timely and accurate Group B *Streptococcus* screening results to help reduce the risk of GBS disease in newborn babies

BD

The right precautions for mother and child start with the right diagnosis

The BD MAX™ GBS Assay utilizes Lim Broth enrichment to improve detection accuracy of Group B *Streptococcus* versus conventional methods, while enhancing laboratory productivity.

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.

About 1 in 4 pregnant women carry GBS, the leading cause of bacteremia and meningitis in newborns in the first week of life.[2]

Protect newborns from GBS disease

- Best practices in prenatal care include testing pregnant women for GBS between 36 to 37 weeks of gestation[2]
- Health risks to infants with GBS early-onset disease include sepsis, pneumonia and meningitis, while bacteremia, meningitis, or organ or soft-tissue infection are characterizations of GBS late-onset disease[2]
- Women that test positive for GBS should receive antibiotics during labor to reduce the likelihood of transmission[2]

References: 1. KPuopolo KM, Lynfield R, Cummings JJ: COMMITTEE ON FETUS AND NEWBORN, COMMITTEE ON INFECTIOUS DISEASES, Management of Infants at Risk for Group B Streptococcal Disease. *Pediatrics* August 2019;144 (2):e20191881.doi:10.1542/peds..2019-1881 **2**. https://www.cdc.gov/groupbstrep/about/fast-facts.html. **3**. Montague et al., *J Clin Micro* 2008;46:3470-3472 **4.** Package insert **5.** Internal Data

Diagnostic options for antepartum women

	Conventional culture[3]	PCR post-enrichment[1,4]
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]

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.[4] The BD MAX™ System accommodates on-demand and batch workflows to meet your laboratory's needs.

- approx **1.5** minutes — of hands-on time per sample[5]
- **1** hour — turnaround time for 1 to 4 samples[5]
- **2.5** hours — walkaway convenience for 24 samples[5]

Let's shape the future of women's health. Together and now.

BD CTGCTV2 Assay • BD Vaginal Panel Assay • BD Onclarity™ HPV Assay • BD MAX™ GBS Assay

For more information about BD's comprehensive diagnostic Women's Health portfolio, please visit **womens-health-solutions.bd.com**

BD

womens-health-solutions.bd.com

BD Life Sciences
7 Loveton Circle, Sparks, MD 21152-0999, U.S.
Tel: 1.800.638.8663

(BD-92312 2052-US-0323 July 2023)