Evaluation of StrepB Carrot Broth™ and LIM Broth Methods for Recovery of Group B Streptococci (GBS). Results of a Multi-Center Trial

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Introduction
Pneumococcal colonization of group B streptococci (GBS) is a major risk factor for early-onset neonatal sepsis and death as a significant source of mortality in intrapartum or postpartum patients despite great strides in prevention and detection. The gastrointestinal tract serves as the natural reservoir for GBS and is the likely source of vaginal colonization. Approximately 93.2%/99.4%. One specimen was correctly identified by the Carrot Broth as a non-pathogen. In cases that the GBS count is low in the specimen, or where there is no positive result within 48 hours of incubation for any degree of color change. Any positive LIM broth is subcultured after the incubation period of 24 hours, and all specimens are reexamined for GBS.

Study Duration
This study was conducted between March to October 2004.

Results
The rate of detection of GBS in this study is in accordance to recent surveys and publications[5, 9-13]. Specimens found to be positive for GBS in StrepB Carrot Broth™ required no further culturing or testing.

Discussion
The rate of detection of GBS in this study is in accordance to recent surveys and publications[5, 9-13]. Specimens found to be positive for GBS in StrepB Carrot Broth™ required no further culturing or testing.

Conclusions
Based on these findings, both methods can be considered reliable for the detection of GBS. The rate of detection of GBS in this study is in accordance to recent surveys and publications[5, 9-13]. Specimens found to be positive for GBS in StrepB Carrot Broth™ required no further culturing or testing.