Flowchart #5: Using non-pigmented broth and only NAAT for identification of GBS

Vaginal-rectal swab

Place in non-pigmented enrichment broth

Incubate in enrichment broth x 18-24 hrs at 35-37°C

Conduct Nucleic Acid Amplification Test (NAAT) according to kit instructions

GBS+

Report as GBS+

GBS−

Report as GBS−

Prenatal samples must be enriched for 18-24 hours before NAAT, otherwise the sensitivity is suboptimal. For prenatal testing, accuracy is more important than a quick turnaround time.

Use only FDA-approved or cleared kits, and follow quality control practices. This is critical to making sure that results are accurate.

Giving PCN-allergic women the most effective drug depends on YOU! Test appropriate samples for susceptibility to clindamycin and erythromycin, including inducible clindamycin resistance.

If PCN-allergic & at high risk for anaphylaxis, subculture to plate and incubate 18-24 hrs at 35-37°C to conduct susceptibility testing.

For more information, see http://www.cdc.gov/groupbstrep/lab