Flowchart #2: Using non-pigmented broth and serologic or molecular testing for identification of GBS

Direct plate & incubate 24-48 hrs at 35-37°C
(if negative, discard plate and report results from enriched specimen)

Optional

Vaginal-rectal swab

Place in non-pigmented enrichment broth

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

Latex agglutination, DNA probe, Nucleic Acid Amplification Test (NAAT), or other molecular testing

Identify GBS

GBS+

GBS−

Report as GBS+

Report as GBS−

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

Remember

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

Without enrichment, the false negative rate can be as high as 50%

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