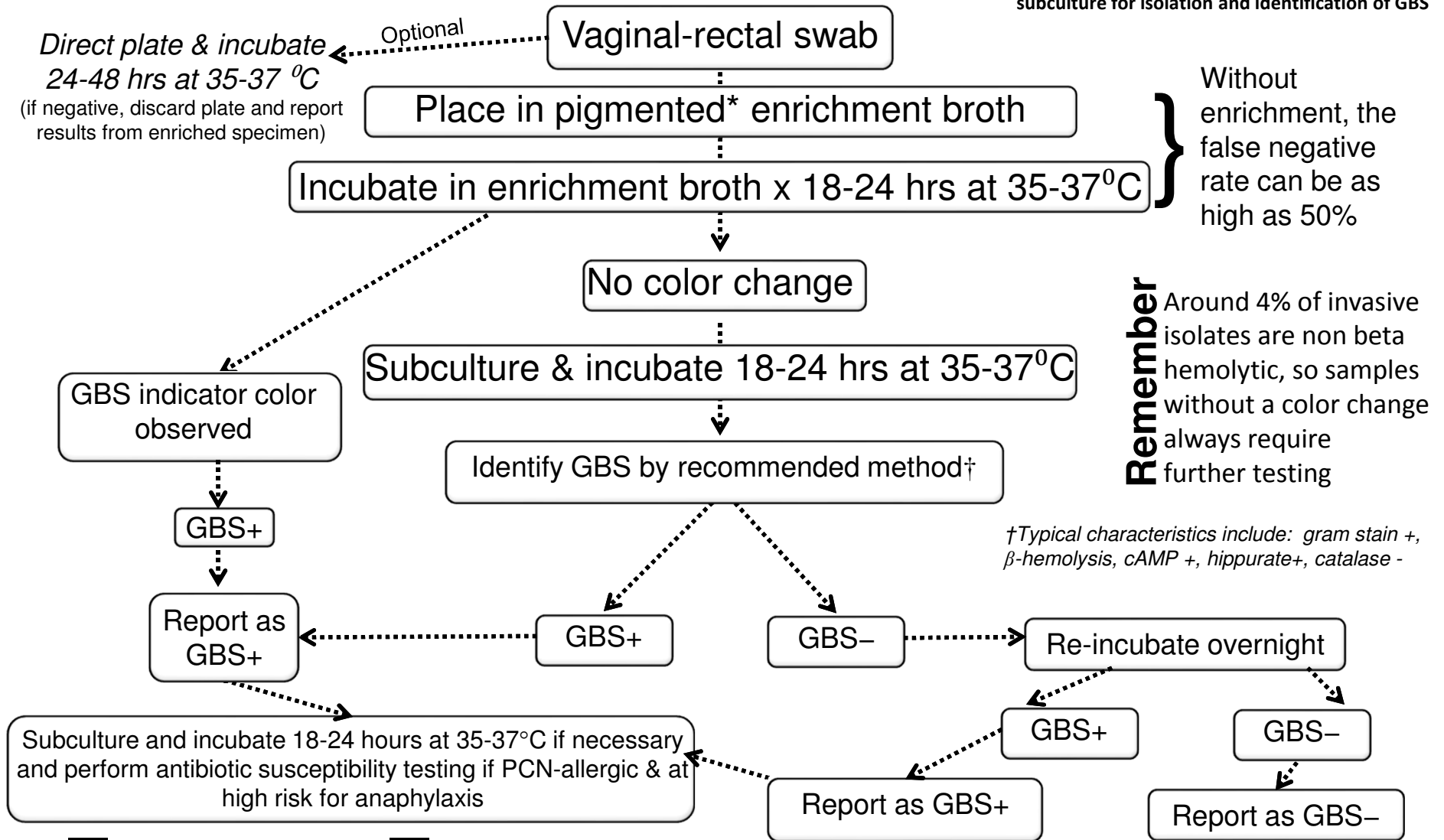


Flowchart #3: Using pigmented broth and only subculture for isolation and identification of GBS



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

**Remember** Around 4% of invasive isolates are non beta hemolytic, so samples without a color change always require further testing

†Typical characteristics include: gram stain +, β-hemolysis, cAMP +, hippurate+, catalase -

\*Examples of appropriate commercially available options include StrepB carrot broth or Granada Biphasic broth.



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

Subculture and incubate 18-24 hours at 35-37°C if necessary and perform antibiotic susceptibility testing if PCN-allergic & at high risk for anaphylaxis

Test appropriate samples for susceptibility to clindamycin and erythromycin, INCLUDING inducible clindamycin resistance