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

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

**Vaginal-rectal swab**

Place in pigmented enrichment broth

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

**No color change**

**Subculture to plate & incubate 18-24 hrs at 35-37°C**

**GBS indicator color observed**

- **GBS+**
  - **Report as GBS+**
  - Subculture to plate and incubate 18-24 hrs at 35-37°C if necessary and perform antibiotic susceptibility testing if PCN-allergic & at high risk for anaphylaxis

- **GBS−**
  - Re-incubate overnight
  - **GBS+**
    - Report as GBS+
  - **GBS−**
    - Report as GBS−

Optional

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

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