Syphilis Serology Algorithm

- **SYPGR / Syphilis IgG Antibody with Reflex, Serum.** Testing begins with: **Syphilis IgG Antibody, Serum**

**POSITIVE**
- Rapid Plasma Reagin with Reflex, Serum is performed

**NEGATIVE**
- No serologic evidence of syphilis. No follow-up necessary unless clinically indicated (e.g., early syphilis)

- **Patient’s history of syphilis unknown**
  - **POSITIVE**
    - Untreated or recently treated syphilis. See CDC* guidelines for treatment. Follow RPR titers
  - **NEGATIVE**
    - Perform second treponemal assay Syphilis Antibody, TP-PA, Serum

- **Patient’s history of syphilis unknown**
  - **POSITIVE**
    - Probable false-positive syphilis IgG test. No follow-up testing unless clinically indicated
  - **NEGATIVE**
    - Past, successfully treated syphilis. No follow-up needed.

- **Patient has known history of syphilis**
  - **POSITIVE**
    - Possible syphilis (early or latent) or previously treated syphilis. Historical and clinical evaluation required.
  - **NEGATIVE**