Syphilis Serology Algorithm

SYPER / Syphilis IgG Antibody with Reflex, Serum. Testing begins with: Syphilis IgG Antibody, Serum

- **POSITIVE**
  - Rapid Plasma Reagin with Reflex, Serum is performed
    - **POSITIVE**
      - Patient's history of syphilis unknown
        - Untreated or recently treated syphilis. See CDC guidelines for treatment. Follow RPR titers
      - Patient's history of syphilis unknown
        - Perform second treponemal assay: Syphilis Antibody, TP-PA, Serum
          - **POSITIVE**
            - Possible syphilis (early or latent) or previously treated syphilis. Historical and clinical evaluation required.
          - **NEGATIVE**
            - Probable false-positive syphilis IgG test. No followup testing unless clinically indicated
    - **NEGATIVE**
      - Patient has known history of syphilis
        - Past, successfully treated syphilis. No follow-up needed.

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