Syphilis Serology Algorithm

Testing begins with SYPHT / Syphilis Total Antibody with Reflex, Serum

- **REACTIVE OR EQUIVOCAL**
  - Rapid Plasma Reagin Screen with Reflex, Serum
    - **REACTIVE**
      - 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.
    - **NONREACTIVE**
      - Patient has known history of syphilis
        - Past, successfully treated syphilis. No follow-up needed.

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

- **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.