Syphilis Serology Algorithm

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

- **REACTIVE OR EQUIVOCAL**
  - Rapid Plasma Reagin Screen with Reflex, Serum and
  - Rapid Plasma Reagin Titer, Serum

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

- **REACTIVE**
  - Patient’s history of syphilis unknown
    - Untreated or recently treated syphilis. See CDC* guidelines for treatment. Follow rapid plasma reagin titers.
  - Patient’s history of syphilis unknown
    - Perform second treponemal assay Syphilis Antibody, TP-PA, Serum.
  - Patient has known history of syphilis
    - Past, successfully treated syphilis. No follow-up needed.

- **NEGATIVE**
  - Probable false-positive syphilis total antibody test. No follow-up testing unless clinically indicated.

- **POSITIVE**
  - Possible syphilis (early or latent) or previously treated syphilis. Historical and clinical evaluation required.

* CDC guidelines available at http://www.cdc.gov/std/treatment-guidelines/syphilis.htm