New Treponema Pallidum (A-TRP) Test Available

**Beginning August 28, 2017** Regional West Laboratory Services will offer serological testing for Treponema Pallidum.

This assay uses immunoassay technology for the qualitative determination of total antibodies directed against *Treponema Pallidum* in human serum. The presence of antibodies to *Treponema Pallidum* specific antigen, in conjunction with non-treponemal laboratory tests and clinical findings may aid in the diagnosis of syphilis infection.

**Syphilis Reverse Testing Algorithm**

- Testing begins with Treponema Pallidum (IgG Antibody)

  - **POSITIVE**
    - RPR Testing is performed
      - **POSITIVE**
        - Current or previous syphilis
          - Follow CDC guidelines for treatment
      - **NEGATIVE**
        - No serologic evidence of syphilis.
          - No follow-up necessary unless clinically indicated (eg early syphilis)
  - **NEGATIVE**

    - Perform TP-PA (T Pallidium Particle Agglutination)
      - **POSITIVE**
        - Possible syphilis (early or latent) or previously treated syphilis.
          - Historical and clinical evaluation required.
      - **NEGATIVE**
        - Probable false-positive syphilis IgG test.
          - No follow-up testing unless clinically indicated

Questions: contact April Madden, Laboratory Director
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If syphilis IgG is positive, then rapid plasma reagin (RPR) will be performed at an additional charge. 
If RPR is positive, then RPR titer will be performed at an additional charge. 
If RPR is negative, then syphilis antibody will be performed at an additional charge.

**Sample Type and Volume Requirements**
Sample type: Serum Gel or Red top
Sample volume: 250 μl

**Specimen stability**
Refrigerated – 7 days
Frozen (-20 degrees celsius or lower) – 14 days

**How to order the Treponema Pallidium**
Test code is A-TRP

This notice is viewable online: [www.rwhs.org/lab-special-announcements](http://www.rwhs.org/lab-special-announcements)