

# Test Definition: TPPA

Syphilis Antibody, Treponema pallidum  
Particle Agglutination, Serum

**Reporting Title:** Syphilis Ab by TP-PA, S  
**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive

**Ordering Guidance:**  
This assay is recommended by the Centers for Disease Control and Prevention for sera testing positive by a screening treponemal assay and negative by rapid plasma reagin (RPR). The results of this assay assist in determining whether the results of a screening treponemal test are truly or falsely positive.

For prenatal syphilis screening, the syphilis IgG test (SYPH1 / Syphilis IgG with Reflex, Enzyme Immunoassay, Serum) is recommended. Testing for IgM-class antibodies to *T pallidum* should not be performed during routine pregnancy screening.

**Specimen Requirements:**  
**Supplies:** Sarstedt Aliquot Tube 5 mL (T914)  
**Collection Container/Tube:**  
**Preferred:** Serum gel  
**Acceptable:** Red top  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 0.5 mL  
**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial.

**Forms:**  
If not ordering electronically, complete, print, and send [Infectious Disease Serology Test Request](#) (T916) with the specimen.

| Specimen Type | Temperature              | Time    | Special Container |
|---------------|--------------------------|---------|-------------------|
| Serum         | Refrigerated (preferred) | 14 days |                   |
|               | Frozen                   | 14 days |                   |

**Result Codes:**

| Result ID | Reporting Name          | Type         | Unit | LOINC®  |
|-----------|-------------------------|--------------|------|---------|
| 61480     | Syphilis Ab by TP-PA, S | Alphanumeric |      | 24312-1 |

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**  
No

**CPT Code Information:**  
86780

**Reference Values:**

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Negative