

## Rapid Plasma Reagin (RPR) with Reflex to *Treponema pallidum* Particle Agglutination, Serum

**Test ID:** RPRT3

**Useful for:**

Diagnosis of syphilis

**Ordering Guidance**

This assay should only be used following an initial reactive treponemal antibody assay result as part of the reverse syphilis testing algorithm.

**Reflex Tests**

Test ID	Reporting Name	Available Separately	Always Performed
RPRT4	RPR, Titer, S	No	No
RTPPA	Syphilis Ab, TP-PA, S	Yes (Order TPPA)	No

**Testing Algorithm**

If this test is positive, then the rapid plasma reagin titer will be performed at an additional charge.

If this test is negative, then the *Treponema pallidum* particle agglutination test will be performed at an additional charge.

**Methods:**

RPRT3: Flocculation/Agglutination

RTPPA: Particle Agglutination

**Reference Values:**

Nonreactive

Reference values apply to all ages

**Specimen Requirements:**

**Container/Tube:** Serum gel

**Acceptable:** Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 0.3 mL

**Specimen Stability Information:**

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Frozen	14 days

**Cautions:**

Biological false-positive reactions with cardiolipin-type antigens have been reported in diseases such as infectious mononucleosis, leprosy, malaria, lupus erythematosus, vaccinia, and viral pneumonia. Pregnancy, autoimmune diseases, and narcotic addictions may give false-positive results. Pinta, yaws, bejel, and other treponemal diseases may also produce false-positive results with this test.

**CPT Code:**

86592

86593- (if appropriate)

86780- (if appropriate)

**Report Available**

Same day/1 to 4 days

**Analytic Time:**

Same day/1 day

**Questions**

Contact Dunisha Messmer, Laboratory Technologist Resource Coordinator at 800-533-1710.