
Lab Dept: Serology

Test Name: RPR SCREEN WITH REFLEX

General Information

Lab Order Codes: RPRT1

Synonyms: Rapid Plasma Reagin Screen with Reflex to Titer

CPT Codes: 86592 – RPR Screen
86593 – RPR Titer (Reflex Test)

Test Includes: RPR Screen. If positive, the RPR Titer will be performed at an additional charge.

Logistics

Test indications: Determining the current disease status and monitoring response to therapy in patients treated for syphilis infection. This test should not be used as a primary diagnostic approach for syphilis. To screen for undiagnosed syphilis infection, order Syphilis Total Antibody with Reflex. This test cannot be used for testing spinal fluid specimens. This test is not intended for medical-legal use.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Clinic Laboratories (Mayo test: RPRT1)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1-2 days for initial result, 4 days for reflex titer, performed Monday - Saturday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold, marble or red) tube

Draw Volume: 1.5 mL (Minimum: 1.2 mL) blood

Processed Volume:	0.5 mL (Minimum: 0.4 mL) serum
Collection:	Routine blood collection
Special Processing:	Lab Staff: Centrifuge specimen, remove serum and aliquot into a screw top plastic tube. Store and ship refrigerated.
Patient Preparation:	N/A
Sample Rejection:	Gross hemolysis; gross lipemia; mislabeled or unlabeled tube

Interpretive

Reference Range:	Negative
Critical Values:	N/A
Limitations:	Biological false-positive reactions with cardiolipin-type antigens have been reported in disease 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 disease may also produce false-positive results with this test.
Methodology:	Flocculation/Agglutination
References:	Mayo Clinic Laboratories (April 2022)