

Southern Nevada Public Health Laboratory
TEST MENU

RPR (Rapid Plasma Reagin), Screening Assay

Method	Charcoal flocculation Reflex to RPR titer and TP-PA for confirmation if reactive
CPT Code	86592 RPR, 86593 RPR titer reflex 86780 TPPA reflex
Specimen	Serum (preferred) - Required specimen volume: 2-4 mL Minimum specimen volume: 1 mL serum Plasma – Tube with anticoagulant (full), minimum:1 mL plasma
Collect in	Serum: vacutainer tube with or without gel. Serum is the preferred specimen. Plasma: (EDTA, Sodium Fluoride, Potassium Oxalate, Heparin) samples are acceptable
Labeling	Label transport tube with patient's first and last name or coded identification number. Record date and time collected on the tube.
Processing	Serum: Allow blood to completely clot (usually within 30 minutes). Serum may then be separated by centrifugation for 15 minutes at the speed recommended by the manufacturer. Vacutainer without gel: Separate serum from cells into an appropriately labeled tube Vacutainer with gel: Does not require removing serum into a separate tube. Plasma: Centrifuged plasma specimens must be tested <i>within</i> 24 hours
Transport	Serum – Store and transport refrigerated (2-8 degrees C) within five days. Plasma – Specimens must be transported to the lab and tested within 24 hours
Sample Rejection	-Gross Hemolysis -Bacterial contaminated serum -Specimen quantity not sufficient for testing (QNS) -Mislabelled/Unlabeled specimen
Requisition	SNPHL Request Forms Testing is performed only at the request of SNHD
Turn Around Time	24-48 hours following receipt in our laboratory
Results	Non-Reactive Reactive includes titer dilution ratio e.g. 1:4
Reported	System generated fax; Electronic transmission
Note	False-positive reactions occur due to pregnancy, drug addiction, collagen vascular disease, and advanced age. Note any of these conditions on requisition if applicable to the patient.
Contact	Southern Nevada Public Health Laboratory – Clinical Laboratory Section