

LAB494 RPR (Rapid Plasma Reagin), Monitoring/Pre-Employment

OCH



Important Note

For Patients (<30 days old) and Monitoring Patients with Current or Past Infection or Pre-Employment testing

Specimen Type

Serum

Preferred Container

Gold or Red top tube

Minimum Volume to Submit for Testing

2 mL Serum

Storage Requirements

Sample tubes should be centrifuged within 2 hour of collection followed by transfer of the serum (red or gold top) to a labeled plastic, aliquot tube.

See Causes of Rejection for temperature requirements.

Transportation Needs

Deliver specimen to laboratory within 1 hour of collection if unspun.

If not possible see "Storage Requirements".

Causes for Rejection

Mislabeled or unlabeled specimen

Less than 50% draw for vacutainer tubes

Wrong specimen container

Contaminated specimen

Hemolysis $\geq 5+$

Lipemia/Turbidity $\geq 4+$

Serum > 5 days refrigerated

Reference Values

Population	Units	Reference Range
All Populations	none	Non-Reactive

Reflex Testing

When an RPR screen is reactive, a titer will be performed and billed.

Limitations

When result is **Non-reactive**: No laboratory evidence of syphilis infection. If recent exposure is suspected, re-draw specimen in 2-4 weeks and order RPR with reflex (LAB4941).

When result is **Reactive**: Non-treponemal antibodies detected. Syphilis infection unlikely; biologic false positive likely. Clinical evaluation should be performed to identify signs, symptoms or past history of infection. If recent exposure is suspected, re-draw specimen in 2-4 weeks and order RPR with reflex (LAB4941).

Available STAT

No

Methodology

Charcoal agglutination

CPT Code

86592 (also see reflex testing)