

Macro-Vue RPR Card Tests

For the Serologic Detection of Syphilis

See Package Insert for More Information

Specimen Collection:

Collect blood by venipuncture into a clean, dry tube without anticoagulant and allow to clot. Centrifuge the specimen at a force sufficient to sediment cellular elements. Keep the serum in the original collecting tube or transfer the serum into a clean, dry test tube if testing is to be delayed.

Preliminary Preparations:

Controls, RPR Card antigen suspension and test specimens should be at room temperature when used. Before use, vigorously shake the ampule for 10 to 15 sec to resuspend and disperse any carbon particles lodged in the neck of the ampule. Check delivery of the needle by placing the needle firmly on a 1mL pipette or syringe; fill the pipette or syringe with antigen suspension, and holding the pipette or syringe in a vertical position, count the number of drops delivered in 0.5mL (should be 30 ± 1 drop). Attach the needle to the tapered fitting on the dispensing bottle. Be sure the antigen is below the breakline; snap the ampule neck and withdraw all of the antigen into the dispensing bottle by collapsing the bottle and using it as a suction device. Shake the antigen dispensing bottle gently before each series of antigen droppings.

18 mm Qualitative Card Test Using Dispenstirs Devices:

1. Hold a **Dispenstirs** device between thumb and forefinger near the stirring or sealed end. Squeeze and do not release pressure until open end is below surface of specimen, holding the specimen tube vertically to minimize stirring up of cellular elements when using original blood tube. Release finger pressure to draw up the sample.
2. Holding in a vertical position directly over the card test area to which the specimen is to be delivered, squeeze **Dispenstirs** device allowing one drop to fall onto card.
3. Invert **Dispenstirs** device and with sealed stirring end, spread the specimen filling entire surface of circle.
4. Gently shake antigen dispensing bottle before use. Holding in a vertical position, dispense several drops in dispensing bottle cap to make sure the needle passage is clear. Place one "free-falling" drop onto each test area. *Do not restir; mixing of antigen and specimen is accomplished during rotation.* Pick up the pre-dropped antigen from the bottle cap.
5. Rotate for 8 min under humidifying cover, on mechanical rotator at 100 ± 2 rpm. Following rotation, to help differentiate Nonreactive from Minimally Reactive results, a brief rotating and tilting of the card by hand must be made. **Immediately** read macroscopically in the "wet" state under a high intensity incandescent lamp or strong daylight.

Report as: **Reactive** – Showing characteristic clumping ranging from slight but definite to marked and intense.

Nonreactive - Showing no clumping.

