

RPR-CARBON

Determination of plasma reagins




SLIDE AND MICROPLATE TESTS

RPR 500 test kit: Includes cards, Positive control and Negative control



SYPHILIS

The **RPR-carbon antigen** is a non-treponemal preparation specially developed for the rapid detection and semi-quantitation by coagglutination of plasma reagins, a group of antibodies directed against tissue components produced by almost every patient infected with *T. pallidum*. The assay also known as **rapid plasma reagin (RPR)** is performed by testing the antigen -an association of lipid complexes and particulate carbon against unknown samples. The presence or absence of a visible agglutination indicates the presence or absence of circulating antibodies in the samples tested.

-  Syphilis is caused by infection with the bacterium *Treponema pallidum* which can be transmitted congenitally or by sexual contact.
-  The test permits a rapid screening of large numbers of persons so that reactors can be given treatment.
-  RPR-carbon test has a high diagnostic value on a tentative diagnosis made on the basis of case history and clinical findings. But, all positive samples should be confirmed performing treponemal tests such as TPHA or FTA-ABS.

For in vitro diagnostic use only

Contact **Sep Sci** for more information.

Separation Scientific

Tel: 011 794 4117 | Email: Info@sepsci.co.za | Web: www.sepsci.co.za

