

Attention: Previously announced go live date of February 21, 2019 for this test will be delayed. An updated announcement will be provided at a later date.

Syphilis IgG Antibody with Reflex, Serum

Test ID: SYPGR

Explanation:

Due to a manufacturer reagent kit change, Syphilis IgG Antibody with Reflex, Serum, test code SYPGR, will become obsolete and will be replaced with Syphilis Total Antibody (IgG and IgM), with Reflex, Serum, test code SYPHT.

Recommended Alternative Test:

Syphilis Total Antibody with Reflex, Serum

Test ID: SYPHT

Useful for:

Detects both IgG and IgM antibodies (does not differentiate) to aid in the diagnosis of recent or past *Treponema pallidum* infection.

This assay can also be used for prenatal screening.

Reflex Tests:

Test ID	Reporting Name	Available Separately	Always Performed
RPRS	RPR Screen w/ Reflex, S	No	No
RTPPA	Syphilis Ab, TP-PA, S	Yes (Order TPPA)	No
RRPRQ	RPR Titer, S	No	No

Testing Algorithm:

If syphilis total (SYPHT) is reactive or equivocal, then rapid plasma reagin (RPRS) will be performed at an additional charge.

If RPRS is reactive, then RPR titer (RRPRQ) will be performed at an additional charge.

If RPRS is nonreactive, then syphilis antibody (RTPPA) will be performed at an additional charge.

Methods:

SYPHT, RPRS: Multiplex Flow Immunoassay

RRPRQ: Flocculation/Agglutination

RTPPA: Particle Agglutination

Reference Values:

Syphilis Total Antibody:

Nonreactive

Rapid Plasma Reagin Screen:
Nonreactive

Rapid Plasma Reagin Titer
Negative

Syphilis Antibody, TP-PA
Negative

Reference values apply to all ages

Specimen Requirements:

- Container/Tube:** Serum gel
- Acceptable:** Red top
- Submission Container/Tube:** Plastic vial
- Specimen Volume:** 0.5 mL
- Collection Instructions:** Centrifuge and aliquot serum
- Minimum Volume:** 0.4 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Frozen	14 days

Cautions:

- Despite active syphilis, serologic tests may be negative in severely immunosuppressed patients such as those with AIDS.
- In very early cases of primary syphilis (ie., presence of chancre), serology tests for syphilis may be negative.
- In cases of untreated, late or latent syphilis, the result of rapid plasma reagin (RPR) may be negative. However, the syphilis screening test multiplex flow immunoassay (MFI) and TP-PA should be positive. A thorough clinical and historical evaluation should be performed to determine if treatment for latent syphilis is required.
- Results should be considered in the context of all available clinical and laboratory data.

CPT Code:

- 86780
- 86592-RPR Screen w/ Reflex, S (if appropriate)
- 86780-Syphilis Antibody by TP-PA (if appropriate)
- 86593-Rapid Plasma Reagin Titer (if appropriate)

Day(s) Setup: Monday through Saturday; 9 a.m **Analytic Time:** Same day/1 day

Questions

Contact Dunisha Messmer, Laboratory Technologist Resource Coordinator at 800-533-1710.