

Treponemal Antibody Analyzer

Order Name: **Treponemal AB AN**
Test Number: 5500607
Revision Date: 05/04/2025

TEST NAME		METHODOLOGY	LOINC CODE
Treponemal Antibody Analyzer		Chemiluminescence Assay	47236-5

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	3 mL (0.6 mL)	Serum	Clot Activator SST	Refrigerated
Instructions	Stability: Ambient 3 days. Refrigerated 7 days. Frozen 30 days.			

GENERAL INFORMATION

Testing Schedule	Mon - Sat																						
Expected TAT	1-2 Days																						
Clinical Use	<table><thead><tr><th>TREP ONEM AL ANTIB ODY (CLIA)</th><th>NON - TRE PON EMA L (RP R)</th><th>TREP ONEM AL ANTIB ODY (TPPA)</th><th>RESULT LONG NAME</th></tr></thead><tbody><tr><td>Non-Reactive</td><td>Not Performed</td><td>Not Performed</td><td>No laboratory evidence of syphilis. If recent exposure is suspected, submit a new sample for testing in 2-4 weeks</td></tr><tr><td>Reactive</td><td>Non-Reactive</td><td>Non-Reactive</td><td>Treponemal antibodies not confirmed. Inconclusive for syphilis; potentially early syphilis, possible false positive. If recent exposure is suspected, submit a new sample for testing in 2-4 weeks. If clinical suspicion is low, no further evaluation is necessary.</td></tr><tr><td>Reactive</td><td>Non-Reactive</td><td>Reactive</td><td>Treponemal antibodies detected. Consistent with past or current (potentially early) syphilis. Clinical evaluation should be performed to identify current signs and symptoms or past history of infection. If past history of treatment reported, no further management is needed unless symptomatic or recent exposure suspected. If no symptoms or past history of treatment, and if recent exposure is suspected, submit a new sample for testing in 2-4 weeks.</td></tr><tr><td>Reactive</td><td>Reactive</td><td>Not performed</td><td>Treponemal and nontreponemal antibodies detected. Consistent with past or current syphilis. Clinical evaluation should be performed to identify current signs and symptoms or past history of infection.</td></tr></tbody></table>			TREP ONEM AL ANTIB ODY (CLIA)	NON - TRE PON EMA L (RP R)	TREP ONEM AL ANTIB ODY (TPPA)	RESULT LONG NAME	Non-Reactive	Not Performed	Not Performed	No laboratory evidence of syphilis. If recent exposure is suspected, submit a new sample for testing in 2-4 weeks	Reactive	Non-Reactive	Non-Reactive	Treponemal antibodies not confirmed. Inconclusive for syphilis; potentially early syphilis, possible false positive. If recent exposure is suspected, submit a new sample for testing in 2-4 weeks. If clinical suspicion is low, no further evaluation is necessary.	Reactive	Non-Reactive	Reactive	Treponemal antibodies detected. Consistent with past or current (potentially early) syphilis. Clinical evaluation should be performed to identify current signs and symptoms or past history of infection. If past history of treatment reported, no further management is needed unless symptomatic or recent exposure suspected. If no symptoms or past history of treatment, and if recent exposure is suspected, submit a new sample for testing in 2-4 weeks.	Reactive	Reactive	Not performed	Treponemal and nontreponemal antibodies detected. Consistent with past or current syphilis. Clinical evaluation should be performed to identify current signs and symptoms or past history of infection.
TREP ONEM AL ANTIB ODY (CLIA)	NON - TRE PON EMA L (RP R)	TREP ONEM AL ANTIB ODY (TPPA)	RESULT LONG NAME																				
Non-Reactive	Not Performed	Not Performed	No laboratory evidence of syphilis. If recent exposure is suspected, submit a new sample for testing in 2-4 weeks																				
Reactive	Non-Reactive	Non-Reactive	Treponemal antibodies not confirmed. Inconclusive for syphilis; potentially early syphilis, possible false positive. If recent exposure is suspected, submit a new sample for testing in 2-4 weeks. If clinical suspicion is low, no further evaluation is necessary.																				
Reactive	Non-Reactive	Reactive	Treponemal antibodies detected. Consistent with past or current (potentially early) syphilis. Clinical evaluation should be performed to identify current signs and symptoms or past history of infection. If past history of treatment reported, no further management is needed unless symptomatic or recent exposure suspected. If no symptoms or past history of treatment, and if recent exposure is suspected, submit a new sample for testing in 2-4 weeks.																				
Reactive	Reactive	Not performed	Treponemal and nontreponemal antibodies detected. Consistent with past or current syphilis. Clinical evaluation should be performed to identify current signs and symptoms or past history of infection.																				
Notes	<p>The Treponemal Antibody Analyzer screen reactive specimens will reflex to an Non-Treponemal Antibody (RPR) and titer (Test Code 5500605), at additional charge(s). The Non-Treponemal Antibody (RPR) assay is performed to distinguish recent/active from past infection. A Non-Reactive Non-Treponemal Antibody (RPR) assay will reflex a second treponemal assay Treponemal Antibodies, TPPA (Test Code 5501065), at additional charge(s). The presence of maternal Treponemal Antibody (Syphilis specific Antibody) in a baby can be detected up to 15-18 months. Therefore, only a Non-Treponemal antibody (RPR) [5500605] assay will be performed on babies <18 months.</p> <p>Click Here to view testing algorithm.</p>																						
CPT Code(s)	86780 (possible 86780 and 86592)																						
Lab Section	Immunology - Serology																						