

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<br/>ONEM<br/>AL<br/>ANTIB<br/>ODY<br/>(CLIA)</th><th>NON<br/>-<br/>TRE<br/>PON<br/>EMA<br/>L<br/>(RP<br/>R)</th><th>TREP<br/>ONEM<br/>AL<br/>ANTIB<br/>ODY<br/>(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<br>ONEM<br>AL<br>ANTIB<br>ODY<br>(CLIA) | NON<br>-<br>TRE<br>PON<br>EMA<br>L<br>(RP<br>R) | TREP<br>ONEM<br>AL<br>ANTIB<br>ODY<br>(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<br>ONEM<br>AL<br>ANTIB<br>ODY<br>(CLIA) | NON<br>-<br>TRE<br>PON<br>EMA<br>L<br>(RP<br>R)   | TREP<br>ONEM<br>AL<br>ANTIB<br>ODY<br>(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.  |  |   |  |                  |              |               |               |   |          |              |              |   |          |              |          |  |          |          |               |  |
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| 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 <b>Treponemal Antibody Analyzer</b> screen reactive specimens will reflex to an <b>Non-Treponemal Antibody (RPR)</b> and titer (Test Code <b>5500605</b>), at additional charge(s). The <b>Non-Treponemal Antibody (RPR)</b> assay is performed to distinguish recent/active from past infection. A Non-Reactive <b>Non-Treponemal Antibody (RPR)</b> assay will reflex a second treponemal assay <b>Treponemal Antibodies, TPPA</b> (Test Code <b>5501065</b>), 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 <b>Non-Treponemal antibody (RPR)</b> [<b>5500605</b>] assay will be performed on babies &lt;18 months.</p> <p><a href="#">Click Here</a> to view testing algorithm.</p>  |  |  |  |   |  |                  |              |               |               |   |          |              |              |   |          |              |          |  |          |          |               |  |
| CPT Code(s)                                  | 86780 (possible 86780 and 86592)  |  |  |  |   |  |                  |              |               |               |   |          |              |              |   |          |              |          |  |          |          |               |  |
| Lab Section                                  | Immunology - Serology   |  |  |  |   |  |                  |              |               |               |   |          |              |              |   |          |              |          |  |          |          |               |  |