Infectious Disease

LIAISON® Chlamydia trachomatis IgG and IgA
The first fully automated solution for Chlamydia trachomatis antibody detection

DiaSorin
The Diagnostic Specialist
FOR OUTSIDE THE US AND CANADA ONLY
LIAISON® Chlamydia trachomatis IgG and IgA

The unique technological advantages of the LIAISON® systems, the quality of the reagents and antigen selection have been combined to create a new approach to the Chlamydia trachomatis diagnosis.

Chlamydia trachomatis is one the most common cause of sexually transmitted diseases worldwide. Chlamydial infection is asymptomatic in most women and many men: left untreated, it leads to sequelae that place heavy medical, psychosocial, and economic burdens on women, men, infants and the healthcare system.

As infections are either asymptomatic, laboratory techniques are the sole means of diagnosing acute infections. DiaSorin LIAISON® serology line has been developed to influence patient management and to make quick and rapid diagnosis of Chlamydia trachomatis infection.

The detection of specific IgA antibodies is indicative of active Chlamydial infection and has been shown to be an important marker because of the shorter lifetime of IgA antibodies which persist only as long as antigenic stimulation exists. IgA antibody detection is, moreover, suitable for post-therapy follow-up. IgG antibody detection is a marker for a Chlamydia-positive immune-response, either for current, chronic or past infections. For a reliable interpretation of results both IgG and IgA antibodies must be tested.

Indirect assays format

Main Features of C. trachomatis assays

- Number of tests: 100
- Antigen: 4 biotynilated peptides
- Label: Isoluminol derivative
- Method: CLIA
- Assay format: semi-quantitative IgG assay, qualitative IgA assay
- Sample type: Serum/Plasma

Interpretation of results

<table>
<thead>
<tr>
<th>IgG results</th>
<th>IgA results</th>
<th>Interpretation of results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative</td>
<td>Negative</td>
<td>No evidence of infection.</td>
</tr>
<tr>
<td>Positive</td>
<td>Negative</td>
<td>May indicate past infection.</td>
</tr>
<tr>
<td>Positive</td>
<td>Positive</td>
<td>May indicate acute or chronic infection.</td>
</tr>
<tr>
<td>Negative</td>
<td>Positive</td>
<td>May indicate acute or reactivation.</td>
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</tbody>
</table>

Flexibility enables quick and accurate results

- High throughput
- Reagent stability on board: 8 weeks
- Two-point calibration for IgA and IgG assays stable for 8 weeks
- Sample volume: 20 μL

Ordering information

LIAISON® Chlamydia trachomatis IgG (code 310570)
LIAISON® Chlamydia trachomatis IgA (code 310580)

LIAISON® control Chlamydia trachomatis IgG (code 310571)
LIAISON® control Chlamydia trachomatis IgA (code 310581)

AVAILABLE ON LIAISON® SYSTEMS

Product availability subject to required regulatory approval

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