IMMUVIEW®
S. PNEUMONIAE AND L. PNEUMOPHILA
URINARY ANTIGEN TEST
Description
ImmuView® S. pneumoniae and L. pneumophila Urinary Antigen Test is a combined rapid lateral flow test for qualitative detection of S. pneumoniae and L. pneumophila serogroup 1 in human urine samples.

The test is effective in presumptive diagnosis of Legionella infection [Legionnaires’ Disease] caused by L. pneumophila serogroup 1 or pneumococcal pneumonia caused by S. pneumoniae in conjunction with culture and other methods. Correct and early treatment is vital for the prognosis of both diseases and therefore rapid methods to confirm both diseases in the initial phase are very important in order to initiate the proper antibiotic treatment as soon as possible.

The first of its kind
ImmuView® S. pneumoniae and L. pneumophila Urinary Antigen Test is the first of its kind to provide diagnostics for both S. pneumoniae and L. pneumophila serogroup 1 in one test. Instead of performing two separate tests it is now possible to perform one test and thereby save time and money. The test gives a result within 15 minutes.

Improve your diagnostics with ImmuView® S. pneumoniae and L. pneumophila Urinary Antigen Test and benefit from several factors:

- Testing for S. pneumoniae and L. pneumophila is recommended in guidelines in several countries
- Results in 15 minutes
- Reducing healthcare costs
- Improving diagnostics - providing the right treatment from the beginning. Pneumococcus is normally treated with penicillin, whereas Legionella requires macrolides or quinolones.
- Simple handling - the test is easy to use

ImmuView® S. pneumoniae and L. pneumophila Urinary Antigen Test includes 22 tests, running buffer, a positive and negative control along with 22 plastic pipettes, 22 test tubes, 1 tweezer, and a test tube holder.

Background
S. pneumoniae
S. pneumoniae is a major cause of invasive infections, and WHO estimates that approximately 1.6 million people die from severe pneumococcal infections every year. [2] S. pneumoniae is the leading cause of community-acquired pneumonia of unknown etiology. [2]

L. pneumophila
Legionella infections can either occur sporadic or epidemic, and as community-acquired or nosocomial infection. Legionella is responsible for two known diseases in humans, Legionnaire’s Disease and Pontiac fever. The generic term for both diseases is Legionellosis. [3, 4]

Sensitivity & Specificity
When testing the clinical performance of ImmuView® S. pneumoniae and L. pneumophila Urinary Antigen Test, it proved the following sensitivity and specificity:

<table>
<thead>
<tr>
<th></th>
<th>S. pneumoniae</th>
<th>L. pneumophila</th>
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<tbody>
<tr>
<td>Sensitivity</td>
<td>87%</td>
<td>85%</td>
</tr>
<tr>
<td>Specificity</td>
<td>99%</td>
<td>100%</td>
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The clinical sensitivity of the S. pneumoniae test line was obtained by testing retrospective urine samples from patients with positive blood culture for S. pneumoniae. The clinical specificity of the L. pneumophila test line was obtained by testing retrospective urine samples from patients with confirmed Legionnaires’ Disease.

Storage and Shelf Life
Store at room temperature. Expiry date is printed on the package.

Product Assortment
ImmuView® S. pneumoniae and L. pneumophila Urinary Antigen Test, Article No. 95389.

References

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