Legionella Serology

Legionnaires’ disease affects people breathing in water mist or vapor contaminated with the bacteria. The disease can have symptoms similar to other forms of pneumonia, such as high fever, chills and cough, which makes diagnosis difficult; *legionella* is not spread from person-to-person. Most cases of Legionnaires’ disease can be treated successfully with antibiotics, with healthy people recovering from infection. The disease, however, can be very serious and cause death in 5-30% of cases.

Several laboratory methods can be used to detect either the *Legionella* bacteria within the body or the body’s immune response. Antigen detection in urine specimens or bacteria cultured from lung biopsy specimens are not uncommon, but can be inaccurate and invasive. Serological methods have shown to be accurate and can be performed with a simple blood draw. Increased antibody levels when drawn shortly after illness and several weeks following recovery are generally used to confirm the diagnosis.

A positive result will show a characteristic apple green fluorescence.

**Legionella IFA Kits**

- Simple interpretation for paired acute/convalescent serum
- Slide wells configured to fit standard multi-tip pipettor
- Separate serogroup spots for more exact epidemiological tracking
- Polyvalent detection of antibody isotypes IgG, IgM and IgA
Legionella IFA Kits

Focus Diagnostics’ dual-spot Legionella IFA detects antibodies to the primary \textit{L. pneumophila} serogroups and separately identifies serogroup 1. Each slide contains 12 wells with 2 spots: serogroup 1 and serogroups 2, 3, 4, 5, 6, and 8.

Ordering Information

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Quantity</th>
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<tr>
<td>IF0950</td>
<td>CE Legionella IFA Kit</td>
<td>120</td>
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Learn more about our products on our Web site: [www.focusdx.com](http://www.focusdx.com)

To order test kits, contact Focus Diagnostics Client Services at:
Phone +1-562-240-6500 or Fax +1-562-240-6510.