

IMMUVIEW™ LEGIONELLA BLOOD TEST

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Quick Detection of Legionellosis.

ImmuView™ Blood Test is a 20 minutes lateral flow test for *Legionella pneumophila* serogroup 1 and 3 IgM detection.

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Background

Legionellosis is an infectious disease caused by Gram-negative, aerobic bacteria belonging to the genus *Legionella*. More than 90 % of pneumonic legionellosis (Legionnaires' disease) cases are caused by *Legionella pneumophila*, an organism that multiplies in water at temperatures between 25 °C and 45 °C.

Danish surveillance studies show that serogroup 1 accounts for 60 % and serogroup 3 accounts for 20 % of Legionnaires' disease cases.

Legionnaires' disease can be a rather severe disease with massive pneumonia and organ failures, but there is also a range of cases with a milder flue-like illness, often called Pontiac fever.

Normally, *Legionella* urinary antigen detection has very low sensitivity for Pontiac fever.

Description

The ImmuView™ *Legionella* Blood Test is intended for diagnosis of *Legionella* infection by detection of IgM against *Legionella pneumophila* serogroups 1 and 3. A lateral flow membrane is coated with *Legionella pneumophila* serogroups 1 and 3 antigens. The kit contains 10 or 50 tests including running buffer, score chart and positive control.

The principle of the test is immuno-chromatography also called lateral flow.

The test is for *in vitro* diagnosis and professional use only.

Principle

The blood sample (or serum) is added to the sample port (S). Wait 1 minute and add 4 drops of running buffer to the buffer addition port (B). Read the signal after 20 minutes.

Limitations

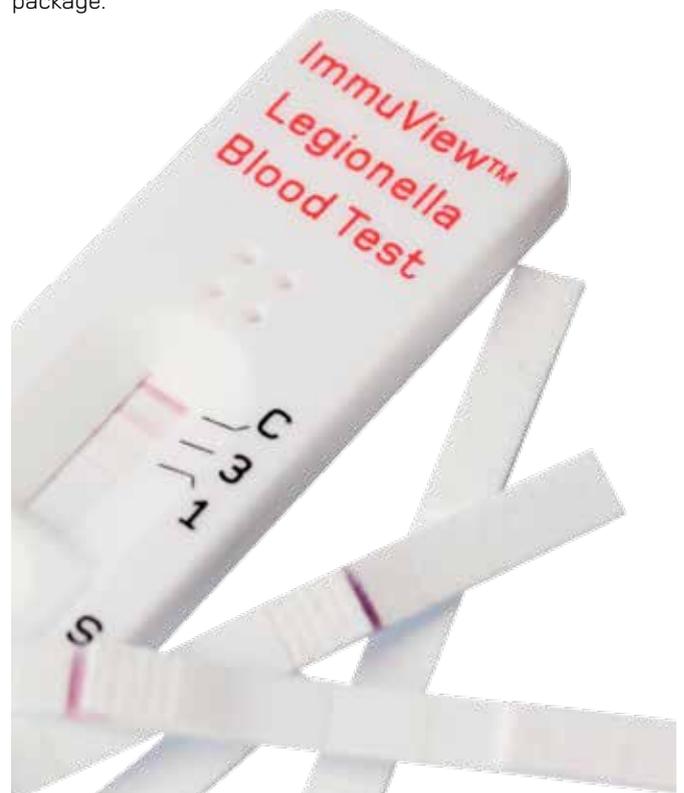
The kit is intended for test of human blood or serum. A negative result does not exclude a *Legionella* infection, especially in the early phase of the infection or if the infection is caused by another serogroup than serogroups 1 or 3. Blood or serum specimens taken early in the stage of infection may not be positive in the ImmuView™ *Legionella* Blood Test because the antibody level is too low.

A positive result indicates a current or recent infection with *Legionella pneumophila*, but the test will not discriminate between asymptomatic, non-pneumonic (Pontiac fever) or pneumonic *Legionella* infection.

The test is not intended to replace a urinary antigen test, PCR, or cultivation.

Storage and Shelf Life

Store at room temperature. Expiry date is printed on the package.



Information and Ordering

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