



ImmuView®

S. pneumoniae and *L. pneumophila*
Urinary Antigen Test

Detects two major causes of pneumonia
in one simple urine sample!

Two organisms. Two different treatment cascades. Both present similar symptoms. You need to deliver rapid results with confidence.

ImmuView® *S. pneumoniae* and *Legionella pneumophila* is the **only** Urinary Antigen Test capable of identifying **both** *Streptococcus pneumoniae* and *Legionella pneumophila* at the same time – with just one test

Quick, accurate and easy diagnosis is crucial because *S. pneumoniae* is a leading cause of community acquired pneumonia. Additionally, *Legionella pneumophila* causes costly hospital and ICU admissions. Patients that are suffering from either disease present symptoms that are difficult to tell apart. This is a challenge, as the treatment for each disease is different.

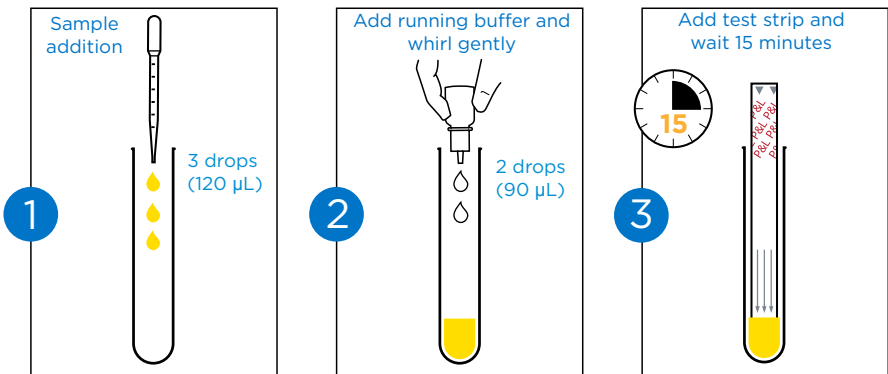
One test. Two Results. Done.

Diagnose with confidence:

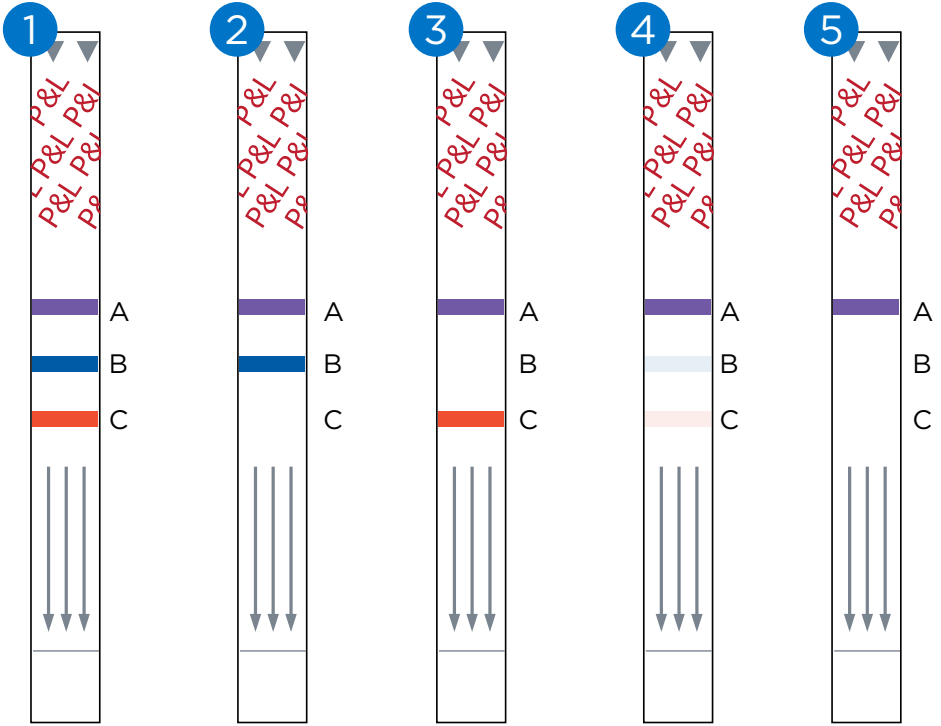
- **Broad spectrum detection** - two results in one test, as well as increased Legionella serogroup detection
- **Confident diagnosis** – initiate treatment based on clear diagnostics
- **Quick results** – patients won't have to wait as additional testing provides a diagnosis

Description	UOM	Cat no.
ImmuView <i>S. pneumoniae</i> and <i>L. pneumophila</i> Urinary Antigen Test	22 tests per kit, each	2451

Results in only **three** simple steps:



Example of Interpretation



Legionella pneumophila
and
S. pneumoniae
positive

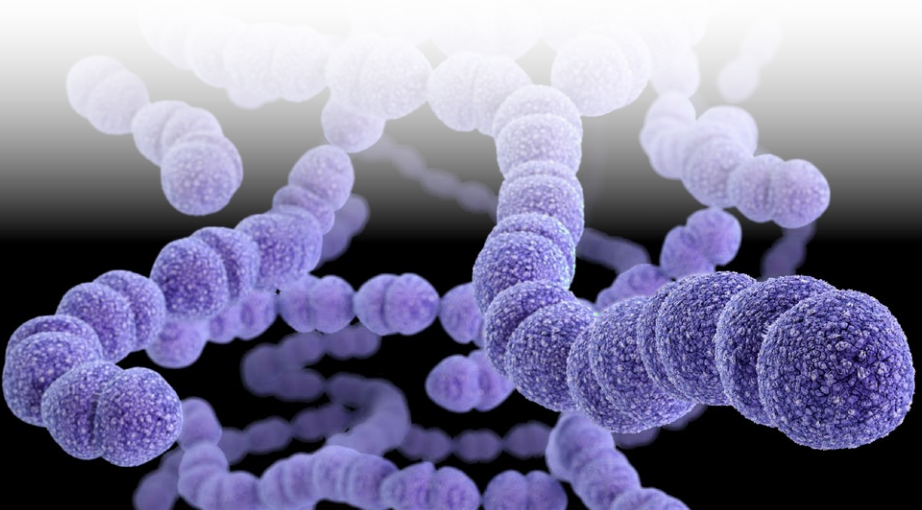
Legionella pneumophila
positive

S. pneumoniae
positive

Legionella pneumophila
and
S. pneumoniae
positive

Negative

A: Control **B: *Legionella pneumophila*** **C: *S. pneumoniae***



ImmuView® P&L features a broad detection of *Streptococcus pneumoniae* and *Legionella pneumophila*

Streptococcus pneumoniae in urine

Serotype	Antigen Concentration (µg/mL)	Whole Organism Concentration (CFU/mL)
Type 1	ND*	10 ⁴
Type 3	0.001	10 ⁴
Type 5	0.010	10 ⁵
Type 37	0.0001	ND*

Legionella pneumophila in urine

Serogroup	Pontiac/Non-Pontiac	Species	Concentration (µg/mL)	Concentration (CFU/mL)
SG1	Pontiac	Knoxville	0.100	10 ⁵
SG1	Pontiac	Allentown/France	0.005	ND*
SG1	Pontiac	Benidorm	ND*	10 ⁴
SG1	Pontiac	Philadelphia	0.010	10 ⁴
SG1	Non-Pontiac	OLDA/Oxford	0.001	ND*
SG1	Non-Pontiac	Camperdown	0.315	ND*
SG1	Non-Pontiac	Heysham	1.250	ND*
SG3			250	ND*
SG6			250	ND*
SG8			250	ND*
SG10			250	ND*
SG12			7.8	ND*

*ND= Not Done





“ImmuView® P&L has the benefit of providing both results in one assay, making it easier to perform and cheaper to identify the correct infectious agent” ¹



Clinical Sensitivity and Specificity for Urine Samples*

S. pneumoniae

Sensitivity	Specificity
78.0%	98.1%

L. pneumophila

Sensitivity	Specificity
87.8%	99.6%



*See IFU for detailed data and study information

¹ C.S. Jørgensen, et al, /Journal of Microbiological Methods 116 (2015) 33-36

ImmuView® P&L features a greater limit of detection advantage over leading competition³

Pneumococcal antigen (mg/ml) dilution	ImmuView® P&L	Competitor
1x10 ⁻⁹	Positive	Positive
1x10 ⁻¹⁰	Positive	Negative
1x10 ⁻¹¹	Positive	Negative
1x10 ⁻¹²	Negative	Negative

“The duality of the ImmuView® P&L makes it a unique addition to the market and could provide clinicians with additional information regarding treatment and ultimately patient outcome”⁴



³. Adapted from, Lindsay et al, Evaluation of the rapid lateral flow ImmuView® *S. pneumoniae* and *L. pneumophila* urinary antigen test (UAT) for the detection, poster presented at ESGLI 2017

⁴. Lindsay et al, Evaluation of the rapid lateral flow ImmuView® *S. pneumoniae* and *L. pneumophila* urinary antigen test (UAT) for the detection, poster presented at ESGLI 2017



For more information, including quotes and product samples, please contact us:

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 **HARDY**
DIAGNOSTICS
A Culture of Service™



FM 572526

Hardy Diagnostics has a Quality Management System that is certified to ISO 13485 and is a FDA licensed medical device manufacturer.

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