



Pneumonia — know the cause NOW

The Aleré BinaxNOW® rapid urine tests employ immunochromatographic (ICT) technology that provides accurate detection of the specific antigen in urine. These accurate, easy-to-use tests identify two of the most virulent and infectious causes of pneumonia: *Streptococcus pneumoniae* and *Legionella pneumophila*.

Aleré is the only company to offer rapid, urinary antigen tests for *Streptococcus pneumoniae* and *Legionella pneumophila* which can offer immediate answers. When the causative agent of an acute respiratory tract infection is identified, physicians can prescribe a pathogen-specific antimicrobial to improve patient outcome.

- *S. pneumoniae* and *Legionella* are leading causes of both community-acquired bacterial pneumonia and nosocomial bacterial pneumonia.
- Rates of *S. pneumoniae* antimicrobial resistance are high in many geographic areas making identification of the pathogen critical for treatment decisions.
- Early detection and appropriate therapy improves patient outcomes.



To learn more about cost-effective, sensitive, rapid detection of *Streptococcus pneumoniae* and *Legionella*, contact your local Aleré Representative

Alere BinaxNOW® *Streptococcus pneumoniae* and *Legionella*

Using Alere BinaxNOW® tests for both *Streptococcus pneumoniae* and *Legionella* in acute RTI cases provides rapid results to help physicians determine the most appropriate treatment and improve patient outcomes.

- Excellent performance
- Results in 15 minutes or less
- Compliance with the IDSA/ATS CAP Guidelines¹
- A level of confidence in discerning CAP etiology

Alere BinaxNOW® *Legionella*

Methodology	Component Detected	Sample Type	Sensitivity	Specificity	Turnaround Time
Culture	organism	sputum	Gold Standard*		4 – 10 days
Alere BinaxNOW®	antigen	urine	95%	95%	15 minutes
DFA ²	organism	sputum	33% - 70%	>95%	40 – 60 minutes
Serology/IFA ²	antibody	serum	40% - 60%	>95%	60 – 90 minutes

Alere BinaxNOW® *Streptococcus pneumoniae*

Methodology	Component Detected	Sample Type	Sensitivity	Specificity	Turnaround Time
Alere BinaxNOW®	antigen	urine	86%**	94%**	15 minutes
Blood Culture	organism	blood	10% - 30% ³	N/A	24-48 hours
Sputum Culture	organism	sputum	29% - 94% ⁴	66% ⁶ - 97.6% ⁷	24-48 hours
Sputum Gram Stain ⁵	organism	sputum	15% - 100%	11% - 100%	15 minutes

*Sensitivity and specificity data for methodologies listed were obtained through comparison to clinical diagnosis including culture. A College of American Pathologists survey of labs showed that only 32% successfully identified a pure culture of *L. pneumophila*.

**Sensitivity and specificity is retrospective data for urine only.

Order Information

Alere BinaxNOW® *S. pneumoniae*

22 Test Kit

Catalog No. **BNX710000**

Alere BinaxNOW® *S. pneumoniae* Control Swabs

5 each positive and negative swabs

Catalog No. **BNX710010**

Alere BinaxNOW® *Legionella* Urinary Antigen Test

22 test kit

Catalog No. **BNX852000**

Alere BinaxNOW® *Legionella* Urinary Antigen Control Swabs

5 each positive and negative swabs

Catalog No. **BNX852010**

References:

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Note: Sensitivity and specificity data on blood culture, sputum culture, and sputum Gram stain taken from various published studies. The reliability of both sputum Gram stain and sputum culture is dependent on sample integrity and technician interpretation, as well as other factors. References available upon request.

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