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IMMULEX™ S. PNEUMONIAE OMNI

Simple
Fast
Ready to use

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Improving
Microbiology

IMMULEX™

S. PNEUMONIAE OMNI

DESCRIPTION

The ImmuLex™ *S. pneumoniae* Omni is a rapid latex agglutination test for detection of *Streptococcus pneumoniae* (*S. pneumoniae*). It is a ready-to-use latex test for quick detection of all 92 *S. pneumoniae* serotypes directly from a positive blood culture or from a pure culture. A positive reaction is visible within 10 seconds for both blood culture and pure culture.



1. ImmuLex™ *S. pneumoniae* Omni reactions. Circle 1 shows a positive reaction with a pure culture. Circle 2 shows a positive reaction with a blood culture. Circle 3 and 4 both show negative reactions with blood cultures. Notice some granules in circle 3. This is not a true positive reaction.

The ImmuLex™ *S. pneumoniae* Omni kit contains a bottle of latex particles coated with pneumococcal antiserum raised in rabbits (0.0975% sodium azide as preservation). The ImmuLex™ *S. pneumoniae* Omni is provided in 1 mL vials which corresponds to approximately 75 tests. The kit also includes 25 reaction cards plus a positive and a negative control.

APPLICATION

A drop of latex suspension is placed next to a drop of positive blood culture medium in the circle on the reaction card. The two drops should be mixed for 10 seconds with a mixing stick and spread to cover the complete area of the circle. A positive result will show within 10 seconds. A reaction after 10 seconds is a negative result. Procedure for pure culture please see package insert.

SENSITIVITY & SPECIFICITY

When testing the performance of ImmuLex™ *S. pneumoniae* Omni, it proved a sensitivity of 98 % and a specificity of 96 %.

ImmuLex™ <i>S. pneumoniae</i> Omni	Positive Blood Culture	Negative Blood Culture
Sensitivity (n = 186): 98 %	182	4
Specificity (n = 69): 96 %	3	66

STORAGE AND SHELF LIFE

Store at 2-8 °C. Expiry date is printed on the package. Do not freeze.

PRODUCT ASSORTMENT

ImmuLex™ *S. pneumoniae* Omni art. no. 91398

REFERENCES

1. Rapid detection of *Streptococcus pneumoniae* in spiked sheep blood culture. S. Otte, I. C. Skovsted, M. B. Kerrn, and P. L. Elverdal, Copenhagen, 2013
2. ImmuLex™ *S. pneumoniae* Omni - a new latex agglutination test for rapid detection of *S. pneumoniae* in blood cultures and plate cultures. S. Otte, M. S. Haugan, H. B. Eriksen, M. B. Kerrn, and P. L. Elverdal, Copenhagen, 2013 Community-acquired pneumonia. File TM.
3. Community-acquired pneumonia. File TM. Lancet 2003, 3362: 1991 – 2001, dec 13
4. Severe pneumococcal pneumonia. New strategies for management. Chiou CCC, Yu VL Curr Opin Crit Care 2006, 12: 470-476
5. Novel approaches to the identification of *Streptococcus pneumoniae* as the cause of community-acquired pneumonia. Klugman KP, Madhi SA, Albrich WC. 2008 CID 47: 202-206

INFORMATION AND ORDERING

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