



BIOFIRE® FILMARRAY® PNEUMONIA PLUS (PNplus) PANEL

1 Test. 34 Targets. ~1 Hour.

BACTERIA (Semi-Quantitative)

Acinetobacter calcoaceticus-baumannii complex
Enterobacter cloacae complex
Escherichia coli
Haemophilus influenzae
Klebsiella aerogenes
Klebsiella oxytoca
Klebsiella pneumoniae group
Moraxella catarrhalis
Proteus spp.
Pseudomonas aeruginosa
Serratia marcescens
Staphylococcus aureus
Streptococcus agalactiae
Streptococcus pneumoniae
Streptococcus pyogenes

ATYPICAL BACTERIA (Qualitative)

Chlamydia pneumoniae
Legionella pneumophila
Mycoplasma pneumoniae

VIRUSES

Adenovirus
Coronavirus
Human metapneumovirus
Human rhinovirus/enterovirus
Influenza A virus
Influenza B virus
Middle East respiratory syndrome coronavirus (MERS-CoV)
Parainfluenza virus
Respiratory syncytial virus

ANTIMICROBIAL RESISTANCE GENES

Carbapenemases
IMP
KPC
NDM
OXA-48-like
VIM

ESBL
CTX-M

Methicillin Resistance
mecA/C and MREJ (MRSA)

Overall Performance: BAL-like: 96.2% sensitivity and 98.4% specificity
Sputum-like: 96.3% sensitivity and 97.3% specificity¹

CE 2797

Fast. Easy. Comprehensive.

Syndromic testing provides a streamlined workflow and fast, comprehensive results.



Approximately 0.2mL
Sputum-like or BAL-like
sample retrieved using
the included swab



2 minutes
hands-on time



Results in about
an hour



Comprehensive
results in a single
report



**Semi-quantitative results to
help distinguish pathogens of
interest from normal flora**

Antimicrobial Stewardship

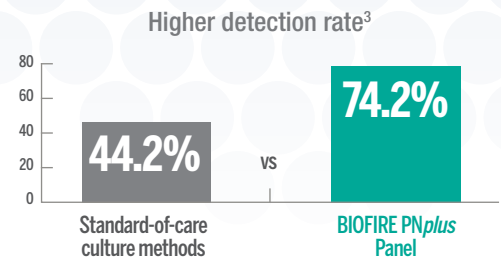
A study of 259 BAL specimens run on the BIOFIRE® PNplus Panel assessed hypothetical changes to antimicrobial therapy.²



- Up to **50%** of patients could have been de-escalated
- The BIOFIRE PNplus Panel could have saved over **18,000 hours** of antibiotic use
- Antibiotics could have been removed **3-4 days earlier**, including 62 courses of vancomycin

Detects More Organisms Than Culture

Due to the fundamental differences between PCR and culture, the BIOFIRE PNplus Panel detects more organisms than culture in lower respiratory tract samples.³



Faster Than Conventional Tests

The BIOFIRE PNplus Panel provided organism identification results an average of 42.2 hours faster than conventional tests, and AMR marker results an average of 56.3 hours faster than standard phenotypic methods.⁴

Panel Information

Storage Conditions: all kit components stored at room temperature (15-25 °C)

BIOFIRE PNplus Panel Reagent Kit (30 Pouches): RFIT-ASY-0143



Scan the QR code for more information.

Learn more about the BIOFIRE range of commercially-available panels for syndromic infectious disease diagnostics.



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References

1. Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Pneumonia plus Panel, data on file, BioFire Diagnostics.
2. Buchan B.W., et al. J Clin Micro. April 2020. doi:10.1128/JCM.00135-20.
3. Enne et al. Thorax 2022;0:1-9. doi:10.1136/thoraxjnl-2021-216990.
4. Webber et al. J Clin Microbiol. 2020 Jul; 58(7): e00343-20.

Product availability varies by country. Consult your bioMérieux representative.