



BIOFIRE® RESPIRATORY 2.1 PLUS (RP2.1plus) PANEL

1 Test. 23 Targets. ~45 Minutes.

VIRUSES

Adenovirus
 Coronavirus 229E
 Coronavirus HKU1
 Coronavirus NL63
 Coronavirus OC43
 Middle East respiratory syndrome coronavirus (MERS-CoV)
 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
 Human metapneumovirus
 Human rhinovirus/enterovirus

Influenza A virus
 Influenza A virus A/H1
 Influenza A virus A/H3
 Influenza A virus A/H1-2009
 Influenza B virus
 Parainfluenza virus 1
 Parainfluenza virus 2
 Parainfluenza virus 3
 Parainfluenza virus 4
 Respiratory syncytial virus

BACTERIA

Bordetella parapertussis
Bordetella pertussis
Chlamydia pneumoniae
Mycoplasma pneumoniae

Overall Performance: 97.1% sensitivity, 99.3% specificity¹
SARS-CoV-2 Performance: 98.4% PPA, 98.9% NPA²

CE₂₇₉₇

Fast. Easy. Comprehensive.

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



0.3mL of
nasopharyngeal swab in
transport media or saline



2 minutes
hands-on time



Results in about
45 minutes



Comprehensive
results in a single
report



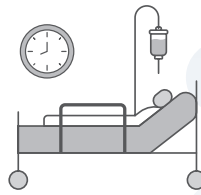
Improved Patient
Management³⁻⁹

Knowing the Pathogen Matters



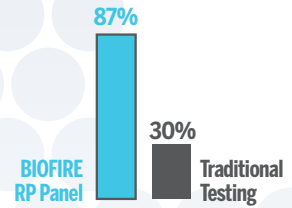
Reduce Antibiotic Use

The BIOFIRE® FILMARRAY® Respiratory (RP) Panel* resulted in avoidance of antibiotics in 23% of pediatric patients tested.⁹



Reduce Length of Stay

The hospital length of stay was nearly 5 days less for febrile infants with a positive BIOFIRE RP Panel* result compared to those with a negative result.⁴



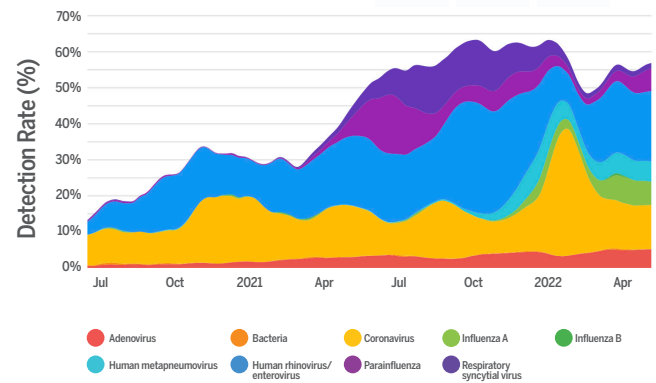
Inform Clinical Decisions

Respiratory infections can be characterized by similar symptoms, making diagnosis difficult. The BIOFIRE RP Panel* was shown to increase diagnostic yield by more than 50%, compared to traditional testing methods.⁵

Is it COVID-19? The Flu? Or Something Else?

Identifying respiratory bugs has never been more urgent. But several respiratory bugs can cause similar, overlapping symptoms. Data from BIOFIRE® Syndromic Trends demonstrate that even during conventional flu season, influenza comprised less than one third of detected respiratory pathogens during this period. A comprehensive panel means fewer missed detections.

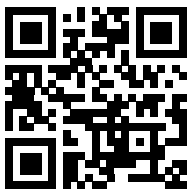
BIOFIRE Respiratory Pathogen Trends (RP2.1)¹⁰



Panel Information

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

BIOFIRE RP2.1_{plus} Panel Reagent Kit (30 Pouches): 423740



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® Respiratory 2 *plus* Panel, data on file, BioFire Diagnostics.
2. Overall performance based on prospective SARS-CoV-2 clinical study for the BIOFIRE® Respiratory 2.1 *plus* Panel in comparison to 3 EUA tests, data on file, BioFire Diagnostics.
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4. McFall, et al., Pediatrics. 2017 Feb;:000992281774066.
5. Kitano, Taito et al. J Infect Chemother. 2020;26(1):82-85. doi:10.1016/j.jiac.2019.07.014.
6. Gelfer G, et al. Diag Micro Infect Dis. 2015;83:400-406.
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* Data generated using previous versions of this product.

Product availability varies by country. Consult your bioMérieux representative.