



# 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% specificity<sup>1</sup>**  
**SARS-CoV-2 Performance: 98.4% PPA, 98.9% NPA<sup>2</sup>**



## Fast. Easy. Comprehensive.

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

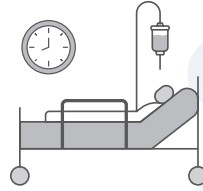


# Knowing the Pathogen Matters



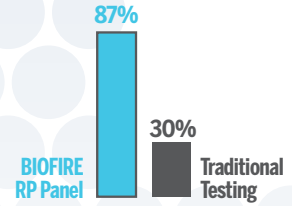
## Reduce Antibiotic Use

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



## 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.<sup>4</sup>



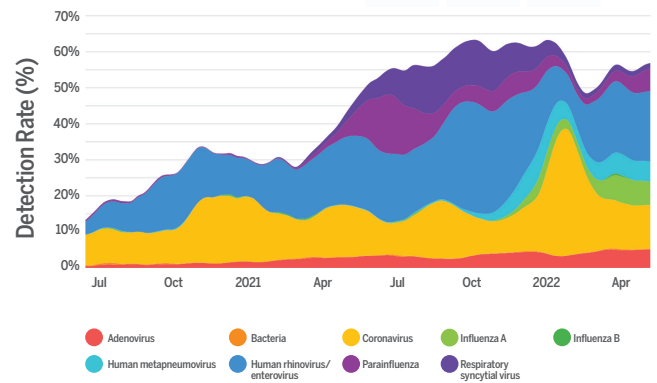
## Inform Clinical Decisions

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.<sup>5</sup>

## 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.

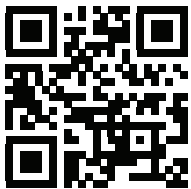
BIOFIRE Respiratory Pathogen Trends (RP2.1)<sup>10</sup>



## Panel Information

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

**BIOFIRE RP2.1plus 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.



## Contact Us

bioMérieux S.A.  
69280 Marcy l'Etoile  
France  
Tel: +33 (0) 4 78 87 20 00  
Fax: +33 (0) 4 78 87 20 90  
[biomerieux.com](http://biomerieux.com)

**Manufactured by:**  
BioFire Diagnostics, LLC  
515 Colorow Drive  
Salt Lake City, UT 84108 USA  
Tel: +1-801-736-6354  
[biofiredx.com](http://biofiredx.com)

## References

- Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Respiratory 2 plus Panel, data on file, BioFire Diagnostics.
- 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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- www.syndromictrends.com

\* Data generated using previous versions of this product.

Product availability varies by country. Consult your bioMérieux representative.