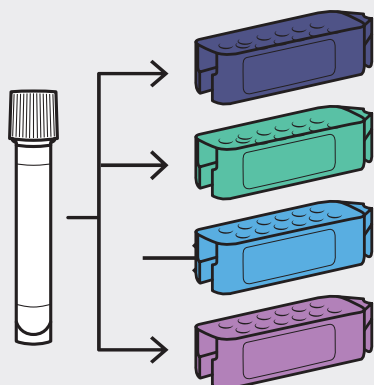


# Panther Fusion<sup>®</sup> Respiratory Assays

A fully-automated, modular approach to syndromic respiratory testing.

## Syndromic respiratory testing. Patient-specific results.

On-demand testing with the Panther Fusion<sup>®</sup> assay menu addresses the clinical need to differentiate the overlapping symptoms of respiratory pathogens and SARS-CoV-2 during the winter respiratory season and beyond.



PANTHER  
**FUSION<sup>®</sup>** SARS-CoV-2/Flu A/B/RSV  
Assay

PANTHER  
**FUSION<sup>®</sup>** Flu A/B/RSV  
Assay

PANTHER  
**FUSION<sup>®</sup>** AdV/hMPV/RV  
Assay

PANTHER  
**FUSION<sup>®</sup>** Paraflu  
Assay

Run single or multiple assays from a single patient specimen to detect the most common respiratory pathogens.

## The Panther Fusion<sup>®</sup> Respiratory assays.

Right patient. Right test. Right time.



Process 335 Panther Fusion tests or combine Panther Fusion and Aptima<sup>®</sup> assays for up to 500 tests in 8 hours.



Choose from the most common respiratory viruses.



Control costs by running only the assays needed.



Deliver comprehensive coverage of target analytes.



Provide comprehensive reactivity and specificity results.



Personalise patient testing from a single sample.



Attain 60-day onboard stability with unit dose, ready-to-use reagents.



Minimise user interaction and return visits to the system with bulk onboard reagents.

PANTHER  
**FUSION<sup>™</sup>** Respiratory

**Be prepared for the flu season with Panther Fusion® Respiratory assays:**  
a fully-automated, modular approach to syndromic respiratory testing.

**Increase efficiency. Reduce costs.**

Accurate and timely diagnosis of the cause of respiratory tract infections has a number of benefits for patients and their communities, including:

- Helps reduce the potential for further development of antimicrobial resistance due to antibiotics.<sup>1</sup>
- Provides valued information to public health authorities regarding which viruses are circulating in the community.<sup>1</sup>
- Improves patient care and helps decrease costs.<sup>1</sup>
- Assists infection control personnel to provide appropriate measures to minimise nosocomial spread.<sup>1</sup>

**Proven performance and comprehensive design you can trust.**

High sensitivity and specificity<sup>2</sup>

PANTHER  
**FUSION® SARS-CoV-2/Flu A/B/RSV**  
Assay

PANTHER  
**FUSION® Flu A/B/RSV**  
Assay

PANTHER  
**FUSION® AdV/hMPV/RV**  
Assay

PANTHER  
**FUSION® Parafu**  
Assay

	Sensitivity	Specificity
SARS-CoV-2	98.1%	98.5%
Influenza A	100%	99.6%
Influenza B	98.1%	99.6%
RSV	98.1%	100%
Influenza A	98.8%	99.0%
Influenza B	100%	99.8%
RSV	99.3%	99.0%
Adenovirus	98.3%	97.0%
hMPV	100%	94.6%
RV	90.1%	95.4%
Parainfluenza 1	100%	100%
Parainfluenza 2	100%	100%
Parainfluenza 3	100%	99.6%
Parainfluenza 4	98.1%	100%

**Verified sample collection**

- ✓ BD Universal Viral Transport System
- ✓ COPAN Universal Transport Medium
- ✓ Remel MicroTest M4, M4RT, M5 or M6 formulations

RUN ON  
**PANTHER**  
FUSION®



**References:** 1. Kahn J. Epidemiology of human metapneumovirus. Clin Microbiol Rev. 2006;19(3):546-57. doi:10.1128/CMR.00014-06. 2. Data published in package inserts of Panther Fusion Flu A/B/RSV, Panther Fusion AdV/hMPV/RV, Panther Fusion Parafu, available at Hologic.com

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