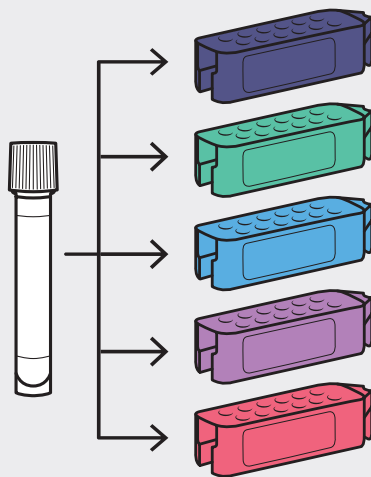


Panther Fusion® Respiratory Assays

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

Syndromic respiratory testing. Patient-specific results.

On-demand testing with the Panther Fusion® 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® SARS-CoV-2/Flu A/B/RSV
Assay

PANTHER
FUSION® Flu A/B/RSV
Assay

PANTHER
FUSION® AdV/hMPV/RV
Assay

PANTHER
FUSION® Parainfluenza
Assay

PANTHER
FUSION® Bordetella
Assay

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

The Panther Fusion Respiratory assays.

Right patient. Right test. Right time.



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



Provide comprehensive reactivity and specificity results.



Choose from the most common respiratory pathogens.



Personalise patient testing from a single sample.



Control costs by running only the assays needed.



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



Deliver comprehensive coverage of target analytes.



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

PANTHER
FUSION® Respiratory

Be prepared for the winter respiratory season with Panther Fusion® 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.¹
- Provides valued information to public health authorities regarding which viruses are circulating in the community.⁴
- Improves patient care and helps decrease costs.^{2,3}
- Assists infection control personnel to provide appropriate measures to minimise nosocomial spread.⁵

Proven performance and comprehensive design you can trust.

High sensitivity and specificity⁶

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® Parafllu
Assay

PANTHER
FUSION® Bordetella
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%
Bordetella pertussis	100%	96.8%
Bordetella parapertussis	100%	99.6%

Verified sample collection

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

RUN ON
PANTHER
FUSION®



*Panther Fusion SARS-CoV-2/Flu A/B/RSV assay and Flu A/B/RSV assay validated only for nasopharyngeal swab in viral transport medium and universal transport medium.

References: 1. Pinsky BA, Hayden RT. Cost-Effective Respiratory Virus Testing. J Clin Microbiol. 2019 Aug 26;57(9):e00373-19. doi: 10.1128/JCM.00373-19. PMID: 3142607; PMCID: PMC6711893. [page 7] 2. https://www.health.vic.gov.au/health-advisories/testing-for-respiratory-pathogens Accessed August, 2022. 3. Pinsky BA, Hayden RT. Cost-Effective Respiratory Virus Testing. J Clin Microbiol. 2019 Aug 26;57(9):e00373-19. doi: 10.1128/JCM.00373-19. PMID: 3142607; PMCID: PMC6711893. [page 14] 4. WHO-2019-nCoV-Surveillance-Guidance-2022-1-eng.pdf [page7] https://apps.who.int/iris/handle/10665/351761 Accessed August, 2022. 5. Lim RH, Htun HL, Li AL, Guo H, Kyaw WM, Hein AA, Ang B, Chow A. Fending off Delta – Hospital measures to reduce nosocomial transmission of COVID-19. Int J Infect Dis. 2022 Apr;117:139-145. doi: 10.1016/j.ijid.2022.01.069. Epub 2022 Feb 4. PMID: 35124240; PMCID: PMC8813202. 6. Panther Fusion SARS-CoV-2/Flu A/B/RSV assay [package insert]. AW-25328-001, Rev. 001. San Diego, CA: Hologic, Inc.; 2022. Panther Fusion Flu A/B/RSV assay [package insert]. AW-16162-001, Rev. 003. San Diego, CA: Hologic, Inc.; 2018. Panther Fusion AdV/hMPV/RV assay [package insert]. AW-16164-001, Rev. 005. San Diego, CA: Hologic, Inc.; 2019. Panther Fusion Parafllu assay [package insert]. AW-16163-001, Rev. 003. San Diego, CA: Hologic, Inc.; 2018. Panther Fusion Bordetella assay [package insert]. AW-18637, Rev. 001. San Diego, CA: Hologic, Inc.; 2018.