

VERIGENE[®]

The VERIGENE[®] System | Enabling Better Care. Today.

VERIGENE[®] Respiratory Pathogens *Flex* Nucleic Acid Test (RP *Flex*)



The first test of its kind, the VERIGENE[®] Respiratory Pathogens *Flex* Nucleic Acid Test (RP *Flex*) is a flexible, multiplexed, qualitative test intended for the simultaneous detection and identification of multiple viral and bacterial nucleic acids in nasopharyngeal swabs (NPS) obtained from individuals suspected of respiratory tract infection.

Each VERIGENE RP *Flex* test cartridge contains a broad panel of 16 viral and bacterial targets. Any combination of targets can be selected for an individual sample at the time of test ordering. For an added cost, additional targets not originally reported can be revealed instantly without running an additional test. You pay **only** for the targets you use. Key features include:

- Automation with a sample to result system
- An on-demand and scalable workflow
- Ease of use, with only one pipetting step
- Fast time to results, with <5 minutes hands-on time and <2 hours run time
- Customizable with flexible target reporting
- Test pricing can either be fixed or *Flex*

The test is performed on the automated VERIGENE System utilizing reverse transcription polymerase chain reaction (RT-PCR) and microarray hybridization.

“With RP *Flex*, labs of all sizes can offer a respiratory pathogen testing algorithm that fully address clinician and patient needs in a format that minimizes the financial and resource burden on the laboratory.¹”

Silva A, LaCount R, Ballard L, Milham B

VERIGENE[®] RP *Flex*

Viruses

Adenovirus

Human Metapneumovirus

Influenza A

Influenza A (subtype H1)

Influenza A (subtype H3)

Influenza B

Parainfluenza 1

Parainfluenza 2

Parainfluenza 3

Parainfluenza 4

Rhinovirus

RSV A

RSV B

Bacteria

Bordetella pertussis

Bordetella parapertussis/*B. bronchiseptica*

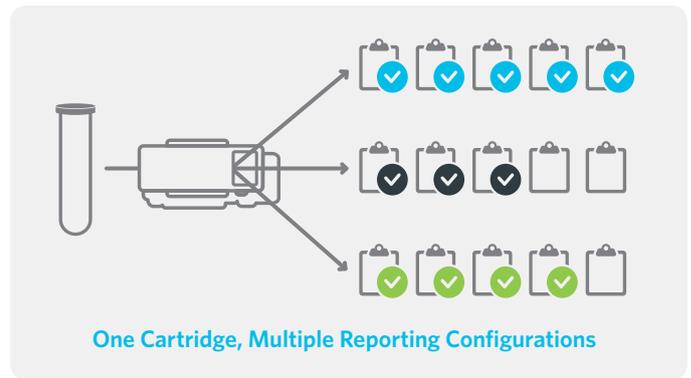
Bordetella holmesii

Performance

VERIGENE® RP Flex Performance vs. Reference Methods

Target	n	Positive Agreement (%)**	Negative Agreement (%)**
Viruses			
Adenovirus	2197	86.0	97.2
Human Metapneumovirus	2197	100	99.7
Influenza A	2193	98.3	99.4
Influenza A (subtype H1)	2190	97.8	99.7
Influenza A (subtype H3)	2190	100	99.8
Influenza B	2197	98.0	99.6
Parainfluenza 1	2197	90.0	99.9
Parainfluenza 2	2197	92.3	99.9
Parainfluenza 3	2197	82.4	99.9
Parainfluenza 4	2197	79.2	99.8
Rhinovirus	2122	81.9	97.1
RSV A	2170	100	99.9
RSV B	2170	100	98.8
Bacteria			
<i>B. pertussis</i>	2197	100	99.9
<i>B. paraptussis/branchiseptica</i>	2296	100	99.9
<i>B. holmesii</i>	2306	100	100

Combined results obtained testing prospectively-collected fresh and frozen specimens. For complete clinical performance including retrospectively-collected specimens and simulated frozen specimens, see VERIGENE RP Flex package insert.



Ordering Information

Product Name	Part Number
VERIGENE® Respiratory Pathogens Flex (RP Flex) Nucleic Acid Test Kit Includes: 20 RP Flex Test Cartridges 20 RP Flex Extraction Trays	20-005-024
VERIGENE® Respiratory Pathogens Flex (RP Flex) Nucleic Acid Amplification Kit Includes: 20 RP Flex Amplification Trays	20-012-024

References

- Silva A, LaCount R, Ballard L, Milham B. Performance and Cost-Effectiveness of VERIGENE RP Flex. Poster presented at 1st ASM Microbe, June 16 - 20, 2016, Boston, MA.

Luminex®
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