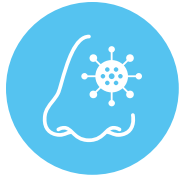


# Allplex™ and Novaplex™ Respiratory Panel Assays\*

Comprehensive testing for major respiratory viruses and bacteria



## RESPIRATORY INFECTIONS

### HIGH MULTIPLEX REAL-TIME PCR ASSAYS

In the United States, influenza, pneumonia, and respiratory syncytial virus (RSV) infect more than 13 million people annually. With the addition of SARS-CoV-2 the number of respiratory infections will continue to surge.

Inflammation of the respiratory tract can be caused by both viruses and bacteria. These pathogens can be transmitted by inhalation, ingestion, or contact with the nasal area.

Novaplex™ and Allplex™ respiratory panel assays can test for the most prevalent respiratory pathogens.

#### KEY FEATURES

##### Broad coverage of respiratory pathogens

- Test for 27 different causative pathogens in respiratory infections
- 4 hours TAT (from extraction to results)
- All Novaplex RI assays can be run together

##### Automated system

- Provides a convenient work flow through a streamlined automation system
- Minimizes contamination and human error

##### SAMPLE TYPES

- Nasopharyngeal swab
- Nasopharyngeal aspirate
- Bronchoalveolar lavage (BAL)
- Saliva
- Oropharyngeal (throat) swab
- Sputum (Respiratory Panel 4 only)
- Cultured cells
- Fresh tissue

One Tube	2019-nCoV	SARS-CoV-2/ FluA/FluB/RSV	RV Master	Respiratory Panel 1A	Respiratory Panel 2	Respiratory Panel 3	PneumoBacter
Number of Targets	3	6	9	7	7	5	7

\*Allplex™ 2019-nCoV Assay is for Emergency Use Authorization. | Novaplex™ Assays are For Research Use Only. Not for Use in Diagnostic Procedures.



## ANALYTES

Allplex™ 2019-nCoV Assay	Novaplex™ SARS-CoV-2/FluA/FluB/RSV Assay	Novaplex™ RV Master Assay	Novaplex™ Respiratory Panel 1A	Novaplex™ Respiratory Panel 2	Novaplex™ Respiratory Panel 3	Novaplex™ PneumoBacter Assay
<ul style="list-style-type: none"> <li>SARS-CoV-2 (E gene)</li> <li>SARS-CoV-2 (RdRP gene)</li> <li>SARS-CoV-2 (N gene)</li> </ul>	<ul style="list-style-type: none"> <li>SARS-CoV-2 (N Gene)</li> <li>SARS-CoV-2 (S Gene)</li> <li>SARS-CoV-2 (RdRP Gene)</li> <li>RSV A/B</li> <li>Flu A</li> <li>Flu B</li> </ul>	<ul style="list-style-type: none"> <li>SARS-CoV-2 (N Gene)</li> <li>SARS-CoV-2 (RdRP Gene)</li> <li>Flu A</li> <li>Flu B</li> <li>Adenovirus</li> <li>Metapneumovirus</li> <li>PIV 1/2/3/4</li> <li>RSV A/B</li> <li>HRV A/B/C</li> </ul>	<ul style="list-style-type: none"> <li>Flu A</li> <li>Flu B</li> <li>Flu A-H1</li> <li>Flu A-H1pdm09</li> <li>Flu A-H3</li> <li>RSV A</li> <li>RSV B</li> </ul>	<ul style="list-style-type: none"> <li>Adenovirus</li> <li>Enterovirus</li> <li>Metapneumovirus</li> <li>PIV1</li> <li>PIV2</li> <li>PIV3</li> <li>PIV4</li> </ul>	<ul style="list-style-type: none"> <li>Bocavirus</li> <li>Rhinovirus</li> <li>CoV229E</li> <li>CoV NL63</li> <li>CoV43</li> </ul>	<ul style="list-style-type: none"> <li><i>M. pneumoniae</i></li> <li><i>S. pneumoniae</i></li> <li><i>C. pneumoniae</i></li> <li><i>B. pertussis</i></li> <li><i>L. pneumophila</i></li> <li><i>B. parapertussis</i></li> <li><i>H. influenzae</i></li> </ul>

## ORDERING INFORMATION

Assay	Volume (rxns)	Catalog No.
Allplex™ 2019-nCoV Assay	100	RP10252W
Novaplex™ SARS-CoV-2/FluA/FluB/RSV Assay	124	R-RV10259W
Novaplex™ RV Master Assay	124	R-RV70591X
Novaplex™ Respiratory Panel 1A	124	R-RP9702W
Novaplex™ Respiratory Panel 2	124	R-RP9802W
Novaplex™ Respiratory Panel 3	124	R-RP9601W
Novaplex™ PneumoBacter Assay	124	R-PB10176W



\*Novaplex™ Assays are For Research Use Only. Not for Use in Diagnostic Procedures. \*Allplex™ 2019-nCoV Assay is for Emergency Use Authorization.

## WORKFLOW

### FOR EXTRACTION

**Seegene Launcher**  
Operation Software



**Seegene NIMBUS**  
Catalog No. 65415-03

**Seegene STARlet**  
Catalog No. 67930-03

### REAL-TIME PCR



**Bio-Rad**  
CFX96™ Dx/Touch/Opus™  
Purchase From Bio-Rad<sup>^</sup>

### AUTOMATED DATA ANALYSIS



**Seegene Viewer Software**  
Automated Data Analysis

\*\* Extraction methods are not limited to the Seegene NIMBUS and Seegene STARlet.

<sup>^</sup> The CFX96™ Dx/Touch/Opus™ instrument is to be purchased directly from Bio-Rad. Seegene does not distribute the instrument in the U.S. Please contact Bio-Rad for ordering information.