



Allplex™ RV Master Assay

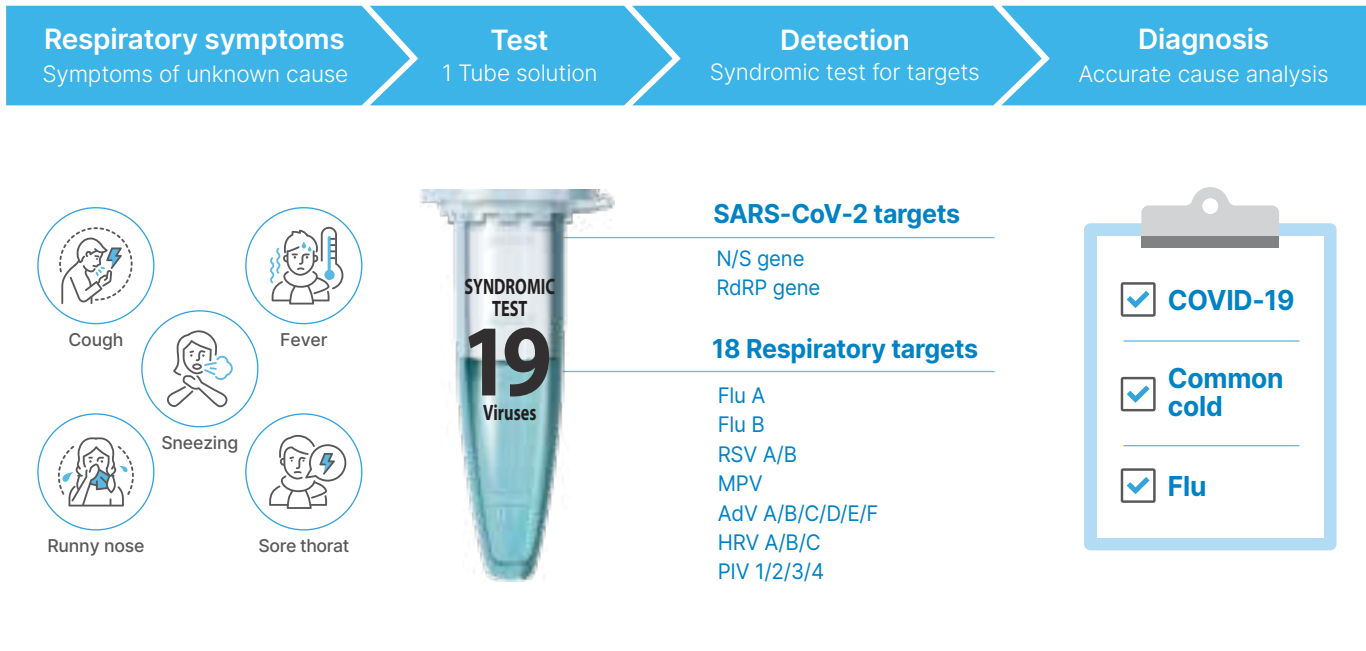
**The only one tube
You need to LIVE with COVID-19**

 Seegene

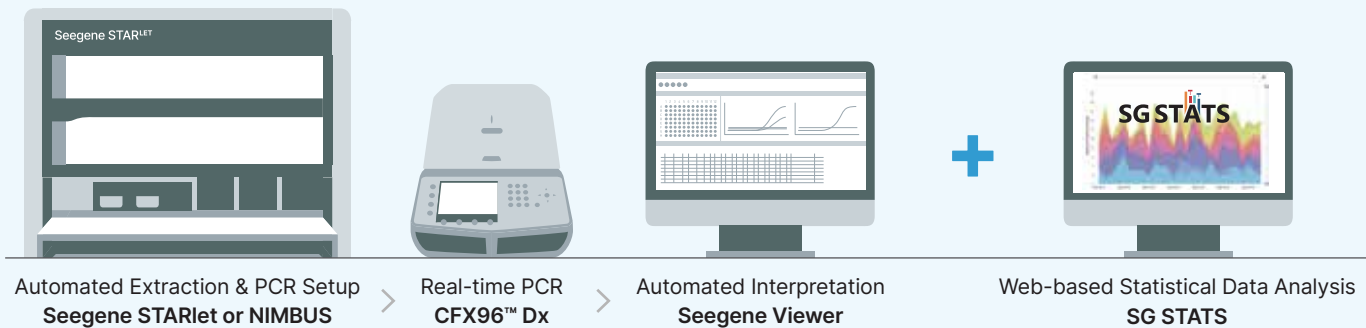
Allplex™ RV Master Assay

One tube test for 19 respiratory viruses

Allplex™ RV Master Assay is Seegene's comprehensive respiratory testing solution. Accurate and rapid identification of major respiratory viruses (Flu A, Flu B, RSV, MPV, AdV, HRV, PIV and SARS-CoV-2) allows attentive patient care and effective infection management.



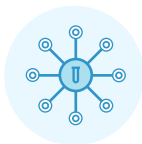
One streamlined automation system



Comprehensive respiratory virus test for The New Normal

A viral respiratory infection is one of the most common diseases worldwide which affects people of all ages with different severities.

It shows similar symptoms, but the prognosis is different by causative viruses, thus exact diagnosis and appropriate treatment are crucial for preventing serious complication.



Syndromic test for respiratory viruses

- 19 respiratory viruses test in one tube with Seegene's high-multiplex technology



Mass screening

- High-throughput suitable for large-scale test
- 94 sample results in 3 hours in a single batch and up to 1,316 specimens can be tested within 12 hours



Maximized efficiency

- Provides maximized test efficiency through Seegene's full automation system (AIOS) and ensures user safety and convenience

One tube test for 19 respiratory viruses

* Validated with SARS-CoV-2 only
** Upcoming

Analytes	Specimens	Compatible Instrumentation (CE-IVD Marked)	
SARS-CoV-2 (N/S gene, RdRP gene) Influenza A virus (Flu A) Influenza B virus (Flu B) Human respiratory syncytial virus A/B (RSV) Human metapneumovirus (MPV) Human adenovirus A/B/C/D/E/F (AdV) Human rhinovirus A/B/C (HRV) Human parainfluenza virus 1/2/3/4 (PIV) Exogenous Internal Control (IC)	Nasopharyngeal aspirate Nasopharyngeal swab Bronchoalveolar lavag Saliva* Combo-swab (Nasal swab+Oral swab)*	Automated Extraction & PCR Setup Seegene NIMBUS Seegene STARlet Seegene AIOS**	
		Automated Extraction NucliSENS® easyMAG® SEEPREP32™ Maelstrom™ 9600 MagNA Pure 96 KingFisher™ Flex	Real-time PCR CFX96™ Dx

Kick your Real-time PCR up a notch!

With Seegene's core technologies and proprietary know-hows, enhance your MDx products with incomparable performance and usability.

Oligo Design

Oligo design technology for high multiplex PCR:
SG-Insilico™



Enables rapid designing of high multiplex oligos using Seegene-developed algorithms and confidential variables

Amplification

Highly specific amplification technology for high multiplex PCR:
DPO™



Allows the implementation of high multiplex diagnostics with unparalleled specificity using Seegene's unique primer structure

Target Detection

High multiplex target detection technology:
TOCE™



Achieves accurate target signals by independently controlling multiple target signals for primer and probe annealing temperatures

Quantitative Detection

High multiplex target detection & quantification technology:
MuDT™



Broadens capacity for high multiplex target detection & quantification by enabling analysis of multiple Ct values in a single detection channel

Interpretation

High multiplex signal processing technology:
DSP™



Enables accurate reporting of target's positive or negative results through Seegene's proprietary signal processing algorithms

Ordering Information

Product
Allplex™ RV Master Assay

Volume
100 rxns
25 rxns

Cat. No.
RV10307X
RV10363Z

Instrument
CFX96™ Dx (2 modules)
Seegene NIMBUS
Seegene STARlet
Seegene AIOS****
SEEPREP32™
Maelstrom™ 9600
STARMag 96 X 4 Universal Cartridge kit*
STARMag 96 x 4 Viral DNA/RNA 200 C kit*
STARMag 96 ProPrep**

STARMag 96 ProPrep C**

TANBEAD® Nucleic Acid Extraction kit***
OptiPure Viral Auto Tube
OptiPure Viral Auto Plate
OptiPure Viral Bulk Plate

Cat. No.
1845097-IVD & 1841000-IVD
65415-03
67930-03
SG72100
SG71100
M9600
744300.4.UC384
EX00013C
EX00009P
EX00009T
EX00017P
EX00017T

W665S66
W665A46
W665A10

* For use with Seegene NIMBUS and Seegene STARlet only
** For use with SEEPREP32™
*** For use with Maelstrom™ 9600
**** Upcoming

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