

CE-IVD Marked

 Allplex™

SARS-CoV-2 / Flu A / Flu B / RSV Assay

One tube, primary screening of
SARS-CoV-2, influenza A, influenza B and RSV A/B

World's 1st technology

Individual Ct value of multiple analyte in a single channel



HIGH SENSITIVITY & SPECIFICITY

Multiplex real-time PCR with high sensitivity and specificity by
Seegene's innovative proprietary technologies

 **Seegene**



Allplex™

SARS-CoV-2 / Flu A/ Flu B/ RSV Assay

One tube, primary screening for SARS-CoV-2, influenza A, influenza B and RSV A/B

Allplex™ SARS-CoV-2/Flu A/Flu B/RSV Assay is a multiplex real-time PCR assay designed to detect N gene, RdRP gene and S gene for SARS-CoV-2, influenza A, influenza B and respiratory syncytial virus (RSV) A/B in a single tube. The assay is applied on Seegene's All-in-One platform which enables high-throughput testing.



Analytes

- SARS-CoV-2 (N gene)
- SARS-CoV-2 (S gene)
- SARS-CoV-2 (RdRP gene)
- Influenza A (Flu A)
- Influenza B (Flu B)
- Respiratory syncytial virus A/B (RSV A/B)
- Endogenous Internal Control (IC)
- Exogenous Internal Control (IC)

Specimens

- Nasopharyngeal swab
- Nasopharyngeal aspirate
- Bronchoalveolar lavage
- Throat swab
- Sputum
- Saliva

Compatible Instrumentation (CE-IVD Marked)

- **Automated Extraction & PCR Setup**
Seegene NIMBUS
Seegene STARlet
- **Automated Extraction**
NucliSENS® easyMAG®
SEEPREP32™
Maelstrom™ 9600
MagNA Pure 96
KingFisher™ Flex
- **Real-time PCR**
CFX96™ Dx

Key features and benefits

Testing for COVID-19 / Flu / RSV at once

- Respiratory syndromic test for SARS-CoV-2, Flu A, Flu B and RSV A/B from one sample, which provides the solution for management of influenza-like illness patients

Providing dual internal control

- Exogenous internal control verifies the whole process from nucleic acid extraction to PCR steps
- Endogenous internal control validates correct sampling, especially useful for testing self-collected specimens and minimizes false-negative result

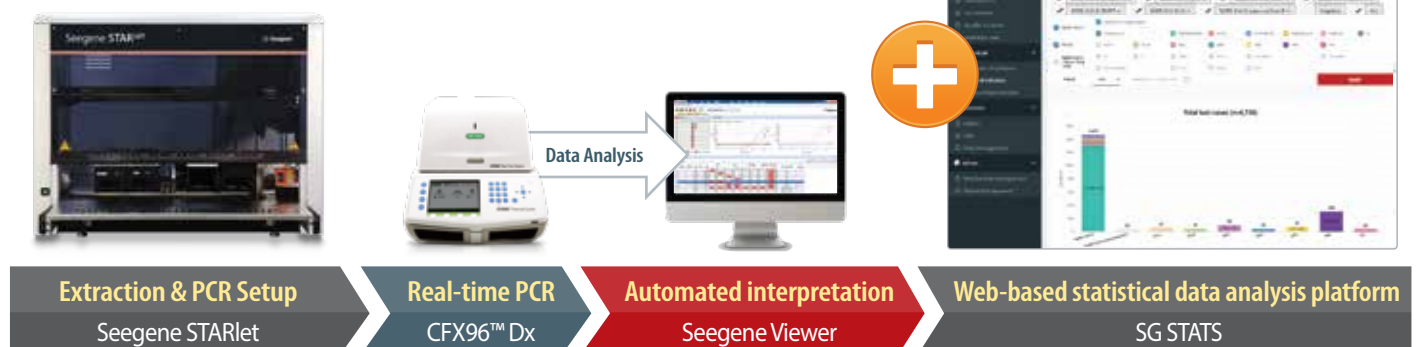
Reliable result

- Simultaneous detection of 3 different target genes of SARS-CoV-2 to complement genetic variations, which allows high accuracy
- No cross-reactivity confirmed with respiratory pathogens including SARS, MERS and SARS-related viruses

High-throughput automated platform

- Automated platform to minimize the risk of human-error and contamination in high-volume testing
- Results within 2 hours after nucleic acid extraction

Seegene's All-in-One automated platform

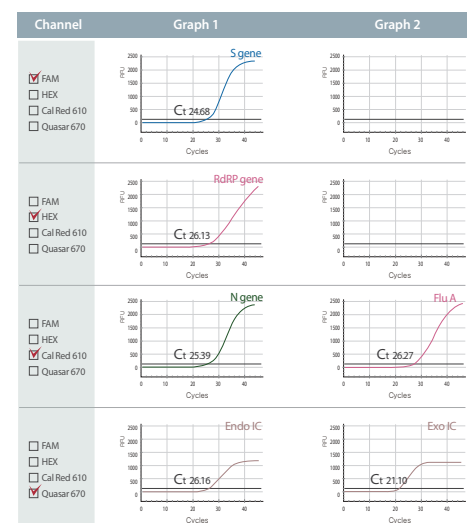


Convenient data interpretation by Seegene Viewer

The example of SARS-CoV-2 and influenza A infection



Multiple Ct value in a single channel



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

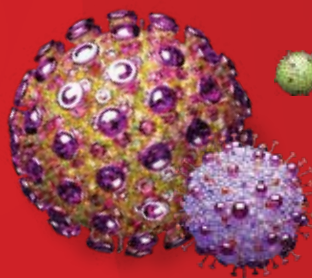
Ordering Information

Product	Volume	Cat. No.
Allplex™ SARS-CoV-2/FluA/FluB/RSV Assay	50 rxns	RV10260Y
	100 rxns*	RV10259X

Instrument	Cat. No.
CFX96™ Dx (2 modules)	1845097-IVD & 1841000-IVD
Seegene NIMBUS	65415-03
Seegene STARlet	67930-03
SEEPREP32™	SG71100
Maelstrom™ 9600	M9600
STARMag 96 X 4 Universal Cartridge kit*	7443004UC384
STARMag 96 x 4 viral DNA/RNA 200 C kit*	EX00013C
STARMag 96 ProPrep (Plate type)**	EX00009P
STARMag 96 ProPrep (Tube type)**	EX00009T
STARMag 96 ProPrep C (Plate type)**	EX00017P
STARMag 96 ProPrep C (Tube type)**	EX00017T
TANBEAD® Nucleic Acid Extraction kit***	
OptiPure Viral Auto Tube	W665566
OptiPure Viral Auto Plate	W665A46
OptiPure Viral Bulk Plate	W665A10

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

Not Available for Sale in the United States



SARS-CoV-2/Flu A/Flu B/RSV Assay



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