



Allplex™ SARS-CoV-2/FluA/FluB/RSV Assay

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

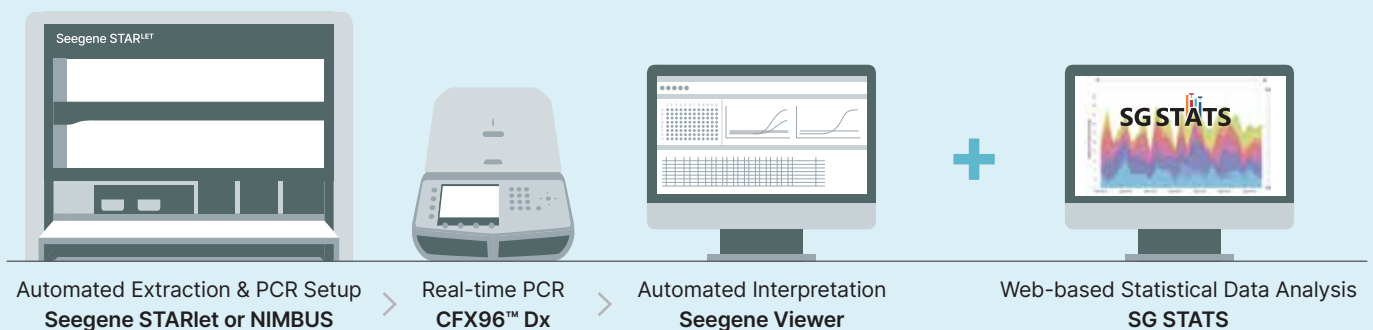
Allplex™ SARS-CoV-2/FluA/FluB/RSV Assay

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

Allplex™ SARS-CoV-2/FluA/FluB/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 system which enables high-throughput testing.



One Streamlined Automated System



Key Features and Benefits



Testing for SARS-CoV-2 / 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 system

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

* Upcoming

Analytes	Specimens	Compatible Instrumentation (CE-IVD Marked)	
SARS-CoV-2 (N gene)	Nasopharyngeal swab	Automated Extraction & PCR Setup	
SARS-CoV-2 (S gene)	Nasopharyngeal aspirate	Seegene NIMBUS Seegene STARlet Seegene AIOS*	
SARS-CoV-2 (RdRP gene)	Oropharyngeal (throat) swab		
Influenza A (Flu A)	Bronchoalveolar lavage (BAL)	Automated Extraction	Real-time PCR
Influenza B (Flu B)	Sputum	NucliSENS® easyMAG® SEEPREP32™ Maelstrom™ 9600	CFX96™ Dx
Respiratory syncytial virus A/B (RSV A/B)	Saliva	MagNA Pure 96 KingFisher™ Flex	
Endogenous Internal Control (IC)			
Exogenous Internal Control (IC)			

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.	Instrument	Cat. No.
Allplex™ SARS-CoV-2/FluA/FluB/RSV Assay	50 rxns 100 rxns*	RV10260Y RV10259X	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	1845097-IVD & 1841000-IVD 65415-03 67930-03 AS20002 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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