



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

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

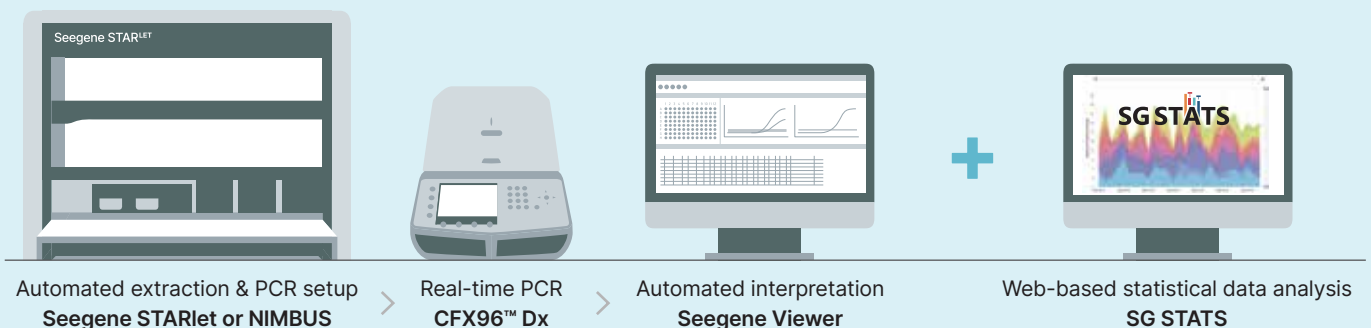
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One tube, primary screening for SARS-CoV-2, influenza A, influenza B and RSV A/B

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.

* Validated with SARS-CoV-2 only

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	
SARS-CoV-2 (RdRP gene)	Bronchoalveolar lavage (BAL)	Seegene STARlet	
Influenza A (Flu A)	Sputum*	Seegene STARlet-AIOS	
Influenza B (Flu B)	Saliva	Automated extraction	Real-time PCR
Respiratory syncytial virus A/B (RSV A/B)	Combo-swab*	NucliSENS® easyMAG®	CFX96™ Dx
Endogenous internal control (IC)		SEEPREP32™	
Exogenous internal control (IC)		Maelstrom™ 9600	
		MagNA Pure 96	
		KingFisher™ Flex	

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™ SARS-CoV-2/FluA/FluB/RSV Assay

Volume
25 rxns
100 rxns

Cat. No.
RV10349Z
RV10259X

Instrument
CFX96™ Dx (2 modules)
Seegene NIMBUS
Seegene STARlet
Seegene STARlet-AIOS
SEEPREP32™
Maelstrom™ 9600

Cat. No.
1845097-IVD & 1841000-IVD
65415-03
67930-03
SG72100
SG71100
M9600

Extraction kit
STARMag 96 X 4 universal cartridge kit
STARMag 96 x 4 viral DNA/RNA 200 C kit
STARMag 96 ProPrep^{a)}

744300.4.UC384
EX00013C
EX00009P
EX00009T
EX00017P
EX00017T

STARMag 96 ProPrep C^{a)}

TANBEAD® nucleic acid extraction kit^{b)}
OptiPure viral auto tube
OptiPure viral auto plate
OptiPure viral bulk plate

W665S66
W665A46
W665A10

a) For use with SEEPREP32™
b) For use with Maelstrom™ 9600

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