

CE-IVD Marked

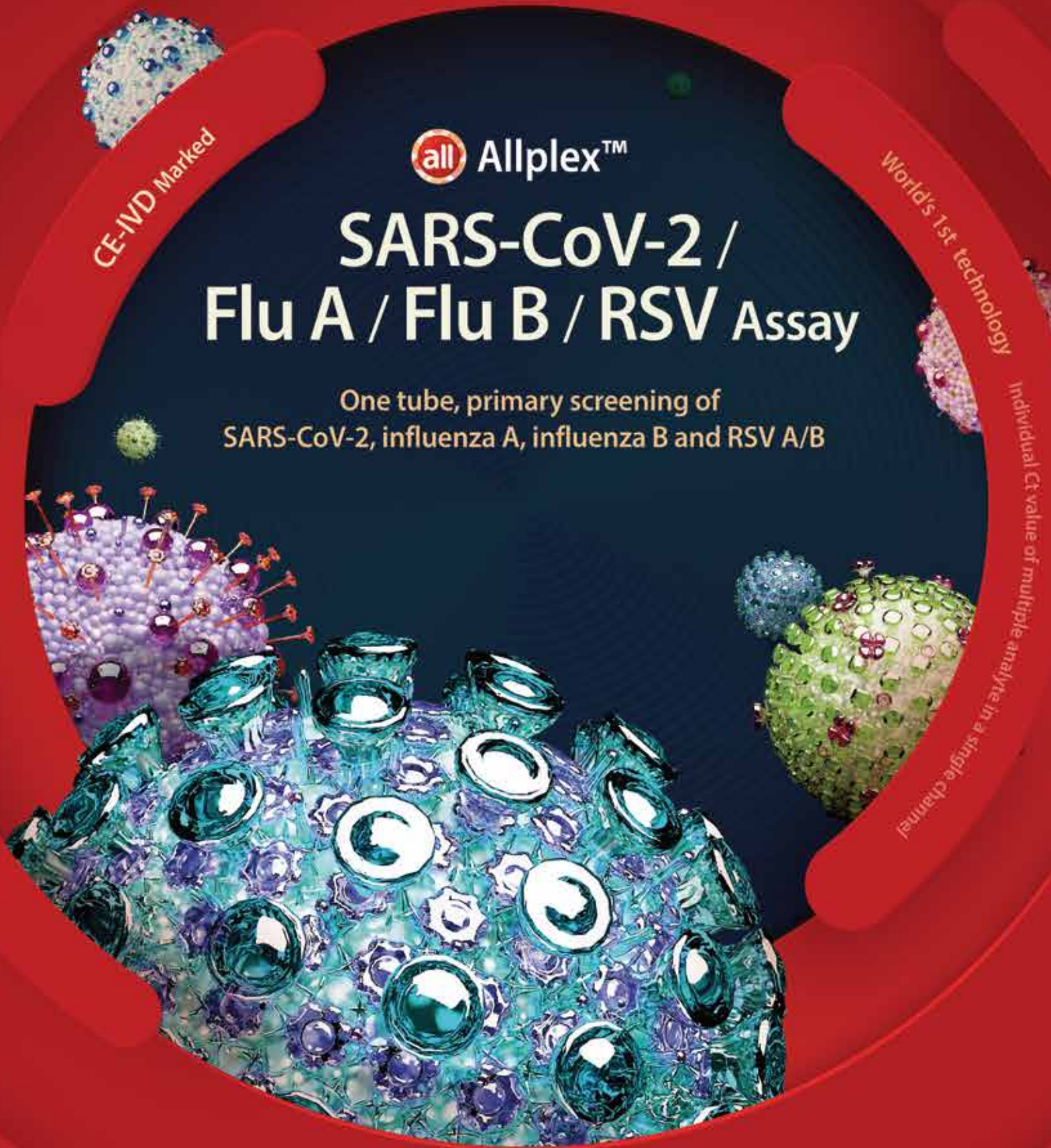
all Allplex™

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





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

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 integrated All-in-One automated platform which enables high-throughput testing.



Analytes

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

Seegene's innovative proprietary technologies

- Based on MuDT™ technology, reporting individual Ct value of multiple targets in a single channel
- Multiplex real-time PCR with high sensitivity and specificity by utilization of DPO™ technology

Specimens

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

Compatible Instrumentation (CE-IVD Marked)

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

Key features and benefits

COVID-19 / Flu / RSV at once

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

Dual internal control

- Endogenous and exogenous internal controls are capable of verifying the entire process from sample collection to nucleic acid extraction and PCR steps minimizing false-negative result
 - Endogenous internal control enables validating correct sampling for self-collected specimens

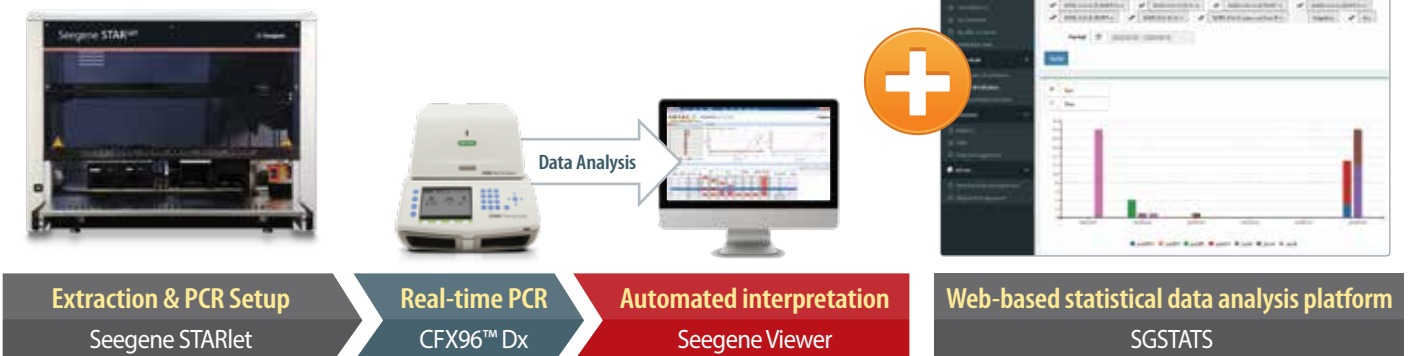
Accuracy

- 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

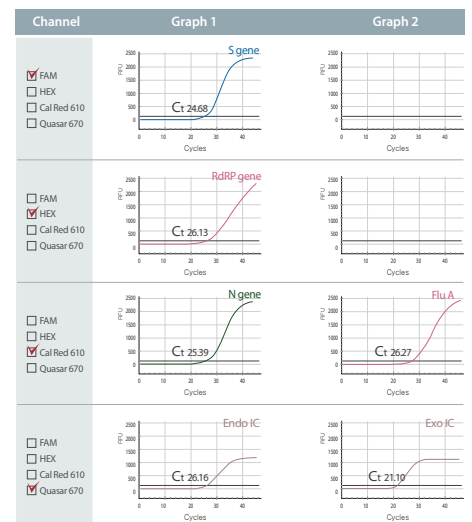
- Complete automated platform to minimize the risk of human-error and contamination in high-volume testing
 - Results within 2 hours after nucleic acid extraction

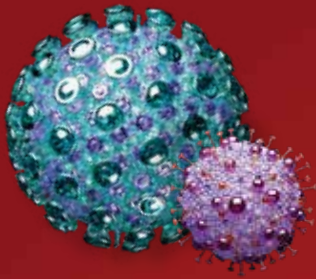
Seegene's All-in-One automated platform



Convenient data interpretation by Seegene Viewer

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





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
- Simultaneous detection of 3 different target genes of SARS-CoV-2 to complement the risk of genetic variations
- Result within 2 hours after extraction
- Two types of whole process control delivering reliable results
- Self-collected sample availability
- High-throughput test with Seegene's All-in-One automated platform
- High sensitivity and specificity by utilization of Seegene's proprietary technology
- Reporting individual Ct value of multiple targets in a single channel

Ordering Information

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

Instrument	Type	Cat. No.
CFX96™ Dx	Real-time PCR _ Optical Reaction Module	1845097-IVD
	Real-time PCR _ Thermal Cycler	1841000-IVD
Seegene NIMBUS	Automated extraction & PCR Setup	65415-03
Seegene STARlet	Automated extraction & PCR Setup	67930-03
SEEPREP32™	Automated extraction	SG71100
STARMag 96 X 4 Universal Cartridge kit*	Nucleic acids extraction reagent	744300.4UC384
STARMag 96 X 4 Universal plus Cartridge kit*	Nucleic acids extraction reagent	EX00006C
STARMag 96 ProPrep**	Nucleic acids extraction reagent	EX00009P
		EX00009T
STARMag 96 ProPrep plus**	Nucleic acids extraction reagent	EX00010P
		EX00010T

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

- Not Available for Sale in the United States



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