

Easy and Fast



ScmPlex™ Respiratory Virus Panel RV-Panel A Detection

CE-IVD Marked

Simultaneous Detection of 10 Respiratory Viruses

- Influenza A Virus (Flu A)
- Influenza A H1N1pdm09 (Flu A-H1N1pdm09)
- Influenza A H3N2 (Flu A-H3N2)
- Influenza B Virus (Flu B)
- Respiratory Syncytial Virus A (RSV A)
- Respiratory Syncytial Virus B (RSV B)
- Parainfluenza Virus 1 (PIV1)
- Parainfluenza Virus 2 (PIV2)
- Parainfluenza Virus 3 (PIV3)
- Adenovirus (AdV)

Single-Tube Multiplex PCR Test
One-Step Real-time RT-PCR
Automation Support

● Single-Tube Real-time RT-PCR Assay

C-Tag™ Technology

● High Inclusivity

Detects and differentiates 10 major respiratory viruses that are both seasonal and nonseasonal
Provides essential screening for suspected viral respiratory tract infection

● Superior Clinical Performance

Clinical Sensitivity: 97.58% - 100%
Clinical Specificity: 100%
Reproducibility: 100%

● Ease of Use

Automated analysis with Scmplex™ Viewer software
One-Step RT-PCR without separate cDNA synthesis step

● Fast Turnaround Time (TAT)

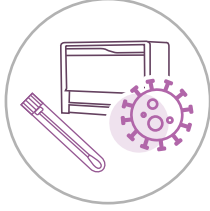
Within 4 hours from nucleic acid extraction to result analysis, enabling same-day report



Workflow

C-Tag™ Multiplex Real-time RT-PCR

Step 1 (1 hr)
Nucleic acid Extraction



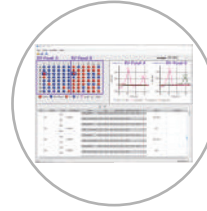
Manual or Automatic Extraction

Step 2 (2 hr 30min)
One-Step RT-PCR



CFX96™ Real-time PCR

Step 3 (5 min)
Data Analysis



ScmPlex™ Viewer

- Simultaneous Detection of 10 Viral Respiratory Pathogens in a Single-Tube PCR Test
- Fast Turnaround: Less than 4 Hours of Analysis and Same-Day Report

Compatible Instruments

Compatible with Automatic Nucleic Acid extraction equipment
CFX96™ Real-time PCR System (Bio-Rad)

Specimens

Nasopharyngeal swab

Series Products

ScmPlex™ RV-Panel B : CoV-OC43, NL63, 229E, HKU1, hBoV, hRV, hEV, PIV4, hMPV
ScmPlex™ RV-Flu/RSV : Flu A, Flu A-H1N1, Flu A-H1N1pdm09, Flu A-H3N2, Flu B, RSV A, RSV B
ScmPlex™ RB-8 : SP, MP, CP, LP, HI, BP, BPP, MC

RV: respiratory viral pathogens, RB: respiratory bacterial pathogens

Ordering Information

Cat No.	Product	Description	Method	Size
SR03A	ScmPlex™ RV-Panel A Detection Kit	Simultaneous Detection of 10 Viral Respiratory Pathogens in a Single Test	Multiplex Real-time RT-PCR	96 Tests/Kit
SR04A	ScmPlex™ RV-Panel B Detection Kit	Simultaneous Detection of 9 Viral Respiratory Pathogens in a Single Test	Multiplex Real-time RT-PCR	96 Tests/Kit
SR01A	ScmPlex™ RV-Flu/RSV Detection Kit	Simultaneous Detection of Influenza virus A/B, Respiratory Syncytial virus A and B in a Single Test	Multiplex Real-time RT-PCR	96 Tests/Kit
SR02A	ScmPlex™ RB-8 Detection Kit	Simultaneous Detection of 8 Respiratory Bacteria causing Pneumonia, Pertussis and Others in a Single Test	Multiplex Real-time PCR	96 Tests/Kit

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