

Easy and Fast



ScmPlex™ Respiratory Virus Panel

RV-Panel B Detection

CE-IVD Marked

Simultaneous Detection of 9 Respiratory Viruses

- Coronavirus OC43 (CoV-OC43)
- Coronavirus NL63 (CoV-NL63)
- Coronavirus 229E (CoV-229E)
- Coronavirus HKU1 (CoV-HKU1)
- Parainfluenza Virus 4 (PIV4)
- Human Rhinovirus (hRV)
- Human Enterovirus (hEV)
- Human Bocavirus (hBoV)
- Human Metapneumovirus (hMPV)

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

Detection of 4 types of human coronavirus causing bronchiolitis, croup and pneumonia
Identification of Rhinovirus of subtype A, B, C
and respiratory infection-associated Enterovirus of subtype A, B, C, D

● Superior Clinical Performance

Clinical Sensitivity: 96.24% - 100%
Clinical Specificity: 99.78% - 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 analysis 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



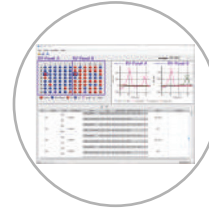
Manual or Automatic Extraction

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



CFX96™ Real-time PCR

Step 3 (5 min)
Data Analysis



ScmPlex™ Viewer

- Simultaneous Detection of 9 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 A : Flu A, Flu A-H1N1pdm09, Flu A-H3N2, Flu B, RSV A, RSV B, PIV 1, 2, 3, AdV
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
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
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
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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