

C-Tag™ Technology //// Fast and Accurate Results
Multiplex Structure //// Semi-Quantitative Detection
High Sensitivity and Specificity /// Early Diagnosis
Automatic and Easy Analysis with SCM-PLEX™ Viewer
Multiplex Structure //// Semi-Quantitative Detection
Automatic and Easy Analysis with SCM-PLEX™ Viewer
SCM-PLEX™ C-Tag™ Technology / Early Diagnosis
C-Tag™ Technology //// Fast and Accurate Results
Multiplex Structure //// Semi-Quantitative Detection
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SELCOUTH
Lifesciences

Powered by



SCM Plex™ RB-8 Detection Kit



Easy and Fast



Easy and Fast

SCMPlex™ Respiratory Bacteria Panel RB-8 Detection

CE-IVD Marked

Simultaneous Detection of 8 Respiratory Bacteria

- *Streptococcus pneumoniae* (SP)
- *Mycoplasma pneumoniae* (MP)
- *Chlamydia pneumoniae* (CP)
- *Legionella pneumophila* (LP)
- *Haemophilus influenzae* (HI)
- *Bordetella pertussis* (BP)
- *Bordetella parapertussis* (BPP)
- *Moraxella catarrhalis* (MC)

Single-Tube Multiplex PCR Test
One-Step Real-Time PCR
Automation Support

● Single-Tube Real-Time PCR Reaction

By SCM Biotech's Proprietary C-Tag™ Technology

● High Inclusivity

Identifies 8 major bacteria that cause acute lower respiratory tract infections
Also detects *M. catarrhalis*, a common cause of pneumonia associated with COPD*
B. parapertussis is also detectable which cannot be prevented by Pertussis vaccine

*COPD: Chronic obstructive pulmonary disease

● Superior Clinical Performance

LOD : < 10-50 copies/rxn
Clinical Sensitivity: 98.4% - 100%
Clinical Specificity: 99.7% - 100%

● Ease of Use

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

● Fast Turnaround Time (TAT)

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

Workflow

C-Tag™ Multiplex Real-Time PCR

Step 1 (1 hr)
DNA Extraction



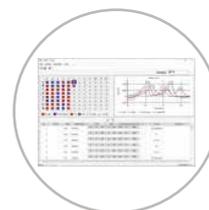
Manual or Automatic Extraction

Step 2 (2 hr 30min)
Single-Tube Real-Time PCR



CFX96™ Real-Time PCR

Step 3 (5 min)
Data Analysis



SCMPlex™ Viewer

- Simultaneous Detection of 8 Bacterial Respiratory Pathogens in a Single PCR Test
- Fast Turnaround: Less than 4 Hour 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
Sputum

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-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

RB: respiratory bacterial pathogens, RV: respiratory viral pathogens

Ordering Information

Cat No.	Product	Description	Method	Size
SCMP03A	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
SCMP04A	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
SCMP05A	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
SCMP10A	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