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Product List



SCM Plex™ Molecular Diagnostics

CE-IVD Marked

Sexually Transmitted Infections

Product	STI-7	STI-7 PLUS	STI-14
Pathogens	<i>Chlamydia trachomatis</i> (CT) <i>Neisseria gonorrhoeae</i> (NG) <i>Trichomonas vaginalis</i> (TV) <i>Mycoplasma hominis</i> (MH) <i>Mycoplasma genitalium</i> (MG) <i>Ureaplasma urealyticum</i> (UU) <i>Ureaplasma parvum</i> (UP)	<i>Candida albicans</i> (CA) <i>Gardnerella vaginalis</i> (GV) <i>Treponema pallidum</i> (TP) <i>Haemophilus ducreyi</i> (HD) Herpes simplex virus type 1 (HSV1) Herpes simplex virus type 2 (HSV2) Group B <i>Streptococcus</i> (GBS)	<i>Chlamydia trachomatis</i> (CT) <i>Neisseria gonorrhoeae</i> (NG) <i>Trichomonas vaginalis</i> (TV) <i>Mycoplasma hominis</i> (MH) <i>Mycoplasma genitalium</i> (MG) <i>Ureaplasma urealyticum</i> (UU) <i>Ureaplasma parvum</i> (UP) <i>Candida albicans</i> (CA) <i>Gardnerella vaginalis</i> (GV) <i>Treponema pallidum</i> (TP) <i>Haemophilus ducreyi</i> (HD) Herpes simplex virus type 1 (HSV1) Herpes simplex virus type 2 (HSV2) Group B <i>Streptococcus</i> (GBS)
Cat.No.	SCMP09A	SCMP09B	SCMP06A

Human Papillomavirus

Product	HPV29	HPV HR
Pathogens	High-risk HPV (21 types) 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 67, 68, 69, 70, 73, 82 Low-risk HPV (8 types) 6, 11, 40, 42, 43, 44, 54, 61	High-risk HPV (14 types) 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68
Cat.No.	SCMP01A	SCMP07A

Tuberculosis

Product	TB/NTM-5
Pathogens	<i>Mycobacterium tuberculosis</i> (TB) <i>M.avium</i> (MAV) <i>M.intracellulare</i> (MIT) <i>M.kansasii</i> (MKS) <i>M.abscessus</i> (MAB) <i>M.massiliense</i> (MMS)
Cat.No.	SCMP08A

Respiratory Infections

Product	RV-Panel A	RV-Panel B
Pathogens	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)	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)
Cat.No.	SCMP04A	SCMP05A
Product	RB-8	
Pathogens	<i>Streptococcus pneumoniae</i> (SP) <i>Mycoplasma pneumoniae</i> (MP) <i>Chlamydia pneumoniae</i> (CP) <i>Legionella pneumophila</i> (LP) <i>Haemophilus influenzae</i> (HI) <i>Bordetella pertussis</i> (BP) <i>Bordetella parapertussis</i> (BPP) <i>Moraxella catarrhalis</i> (MC)	
Cat.No.	SCMP03A	

Gastrointestinal Infections

Product	GI-Virus 6
Pathogens	Norovirus GI (NoV GI) Norovirus GII (NoV GII) Rotavirus (RoV) Adenovirus (AdV) Astrovirus (AsV) Sapovirus (SaV)
Cat.No.	SCMP02

SCM PlexTM

HPV29

Detection Kit



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SCM Plex™ HPV29 Detection

Simultaneous Genotyping of 29 HPV Genotypes

High-risk HPV	16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 68, 73, 82 (15 types)
Probable high-risk HPV	26, 53, 66, 67, 69 (5 types)
Low-risk HPV	6, 11, 40, 42, 43, 44, 54, 61, 70 (9 types)

- **Single-reaction Real-time PCR Assay**
By SCM Biotech's proprietary C-Tag™ technology

- **Superior Clinical Performance**
Clinical Sensitivity: 97.53% - 100%
Clinical Specificity: 99.81% - 100%
Reproducibility: 100%

- **Ease of Use**
Automated analysis with SCM Plex™ Viewer of software
Whole process monitoring with internal control
UDG system to prevent carry-over contamination

- **Fast Turnaround Time (TAT)**
Within 2.5 hours from nucleic acid extraction to result analysis,
Same-Day Report

Workflow

C-Tag™ Multiplex Real-time RT-PCR

Step 1 (1 hr)
DNA Extraction



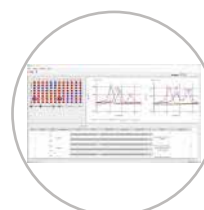
Manual or Automatic Extraction

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



CFX96™ Real-time PCR

Step 3 (5 min)
Data Analysis



SCM Plex™ Viewer

- Simultaneous genotyping of 29 HPV genotypes
- Fast Turnaround Time : 2.5 hours of Analysis and Same-Day Report

SCM

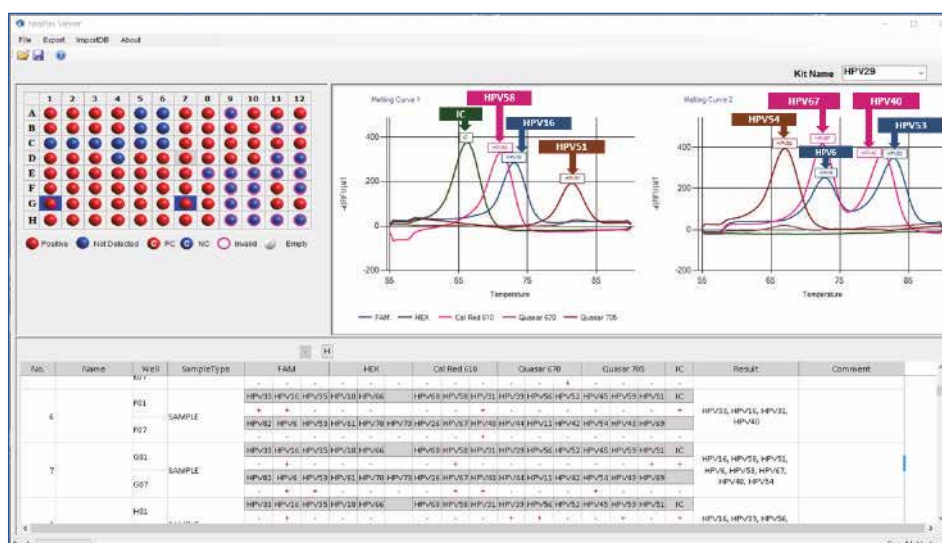
Compatible Instruments

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

Specimens

Liquid Based Cytology

SCMPlex™ Viewer



Ordering Information

Cat No.	Product	Description	Method	Size
SCMP01A	SCMPlex™ HPV29 Detection Kit	Simultaneous Genotyping of 29 Human Papillomavirus types in a Single Test	Multiplex Real-Time PCR	96 Tests/Kit

SCM PlexTM

HPV HR

Detection Kit



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SCM Plex™ HPV HR

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Simultaneous Genotyping of 14 High-Risk HPV Genotypes

High-risk HPV	16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68 (14 types)
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- **Single-Tube Real-time PCR Assay**

By SCM Biotech's proprietary C-Tag™ technology

- **Superior Clinical Performance**

Clinical Sensitivity : 97.53 - 100 %

Clinical Specificity : 99.81 - 100 %

Reproducibility : 100 %

- **Ease of Use**

Automated analysis with SCM Plex™ Viewer of software

Whole process monitoring with internal control

UDG system to prevent carry-over contamination

- **Fast Turnaround Time (TAT)**

Within 2.5 hours 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 30 min)
Real-time PCR



CFX96™ Real-time PCR

Step 3 (5 min)
Data Analysis



SCM Plex™ Viewer

- Simultaneous Genotyping of 14 High-Risk HPV
- Fast Turnaround Time : 2.5 hours of Analysis
- Same Day Report

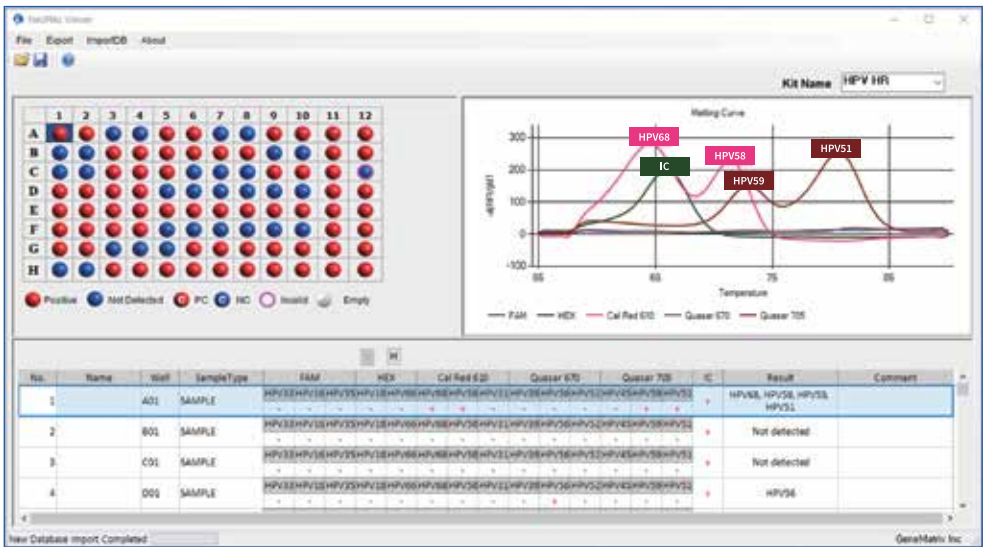
» Compatible Instruments

Compatible with Automatic Nucleic Acid Extraction Equipments
CFX96™ Dx System (Bio-Rad)

» Specimens

Liquid Based Cytology

» SCMPlex™ Viewer



» Ordering Information

Cat No.	Product	Description	Method	Size
SCMP07A	SCMPlex™ HPV HR	Simultaneous Genotyping of 14 High-risk Human Papillomavirus types	Multiplex Real-Time PCR	96 Tests/Kit



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SCM PlexTM **STI-14** Detection Kit

Simultaneous Detection of
14 STI-Causing Pathogens with
Multiplex Real-time PCR

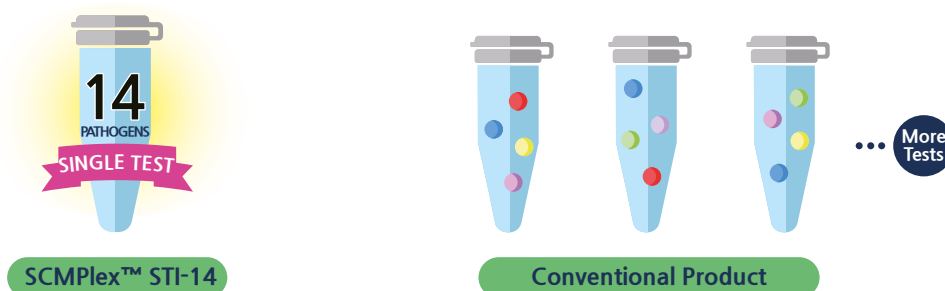


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STI-14 Detection Kit

Sexually transmitted infections (STIs) are infections that cause more than 1 million new patients every day. The symptoms of many STIs may not be obvious initially, and this results in a greater risk of unintended transmissions. The undetected or mistreated STIs can progress to cause many symptoms including discharge from the penis, vagina or anus, genital ulcers, abdominal or pelvic pain, and even miscarriage or infertility. Therefore an early and accurate detection of STIs is essential to promote patient's health and prevent morbidity.

ScmPlex™ STI-14 Detection Kit is the multiplex real-time PCR kit that can detect 14 STI-causing pathogens simultaneously with a single-tube PCR reaction. Based on proprietary C-Tag™ technology, ScmPlex™ STI-14 Detection Kit is able to report the result within 4 hours from DNA extraction to analysis for up to 96 samples with high clinical sensitivity and specificity.



SCMPlex offers less bench space, labor force, cost and TAT and ensures quality assurance with integrated results.

Key Features

- Single-tube Real-time PCR
- High inclusivity (including nvCT and NG porA mutant)
- Superior clinical performance
- Easy Procedures for user convenience
- Prevention of carry-over contamination with UDG system
- Whole Process control with internal control
- Fast turnaround time (TAT) of less than 4 hours
- User Friendliness with SCMPlex™ Viewer

Target Pathogens

- *Chlamydia trachomatis* (CT)
- *Neisseria gonorrhoeae* (NG)
- *Trichomonas vaginalis* (TV)
- *Mycoplasma hominis* (MH)
- *Mycoplasma genitalium* (MG)
- *Ureaplasma urealyticum* (UU)
- *Ureaplasma parvum* (UP)
- Herpes simplex virus type 1 (HSV-1)
- Herpes simplex virus type 2 (HSV-2)
- *Treponema pallidum* (TP)
- *Haemophilus ducreyi* (HD)
- *Candida albicans* (CA)
- *Gardnerella vaginalis* (GV)
- Group B *Streptococcus* (GBS)

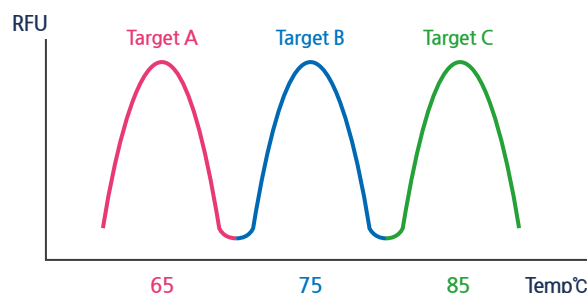
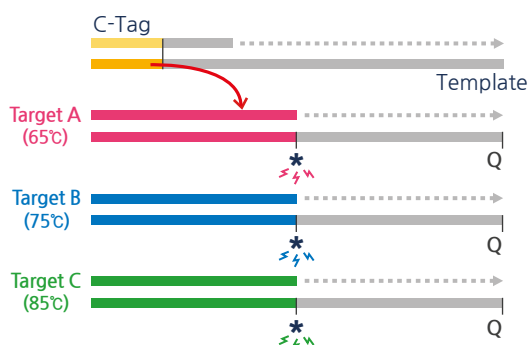
Specimens

- Urine
- Vaginal swabs

Compatible Instruments

- CFX96™ Dx System (Bio-Rad)

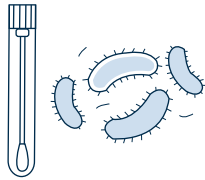
C-Tag™ Technology



C-Tag™ Technology overcomes the limitations of conventional Real-time PCR by analyzing multiple pathogens simultaneously in a single-tube.

Simple and Fast Workflow

Automated Extraction / 1 hr **1**



Manual or Automatic Extraction

Real-time PCR / 2 hr 30 min **2**



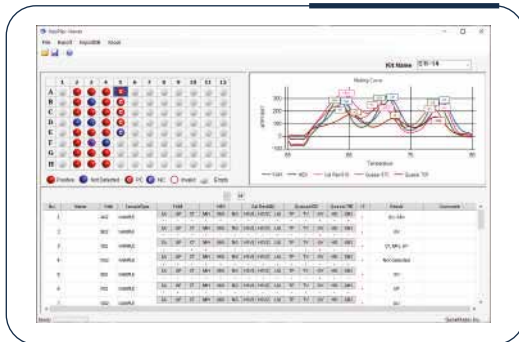
Melting Curve Analysis

Data Analysis / 5 min **3**



SCMPlex™ Viewer

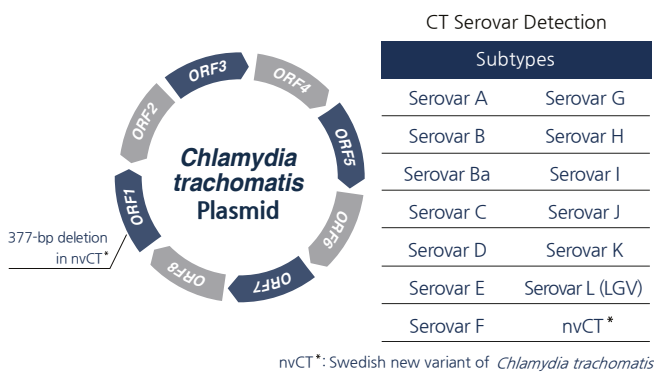
Easy Result Analysis



SCMPlex™ Viewer is an automatic analysis software for NeoPlex Real-time PCR assays.

- Result report by automatic analysis
- Confirm the result of raw data analysis
- Rapid check of positivity and negativity
- Compatible with LIS
- Print out the result
- Export and download in various formats : [.xlsx] [.CSV] [.pdf]

High Inclusivity



- nvCT, one of *Chlamydia trachomatis* strains, has 377-bp deletion in the cryptic plasmid, causing false negatives in some NAATs.
- SCMPlex™ STI-14 can detect *Chlamydia trachomatis* serovars including nvCT.
- SCMPlex™ STI-14 can detect *Neisseria gonorrhoeae* strains including porA mutant strains.
- All targets are confirmed with Quality Control for Molecular Diagnostics (QCMD) panels.

Superior Clinical Performance

Swab	CT	NG	Others
LoD (copies/rxn)	36.5	36.5	< 10 - 50
Sensitivity	99.2%	100%	98.6% - 100%
Specificity	100%	100%	100%

Urine	CT	NG	Others
LoD (copies/rxn)	26.5	36.5	< 10 - 50
Sensitivity	99.2%	99.4%	97.8% - 100%
Specificity	100%	100%	100%

SCMPlex™ STI Panel Comparison Chart

Targets	SCMPlex™ STI-7	SCMPlex™ STI-7 PLUS	SCMPlex™ STI-14
Chlamydia trachomatis (CT)	○		○
Neisseria gonorrhoeae (NG)	○		○
Trichomonas vaginalis (TV)	○		○
Mycoplasma hominis (MH)	○		○
Mycoplasma genitalium (MG)	○		○
Ureaplasma urealyticum (UU)	○		○
Ureaplasma parvum (UP)	○		○
Herpes simplex virus type 1 (HSV-1)		○	○
Herpes simplex virus type 2 (HSV-2)		○	○
Treponema pallidum (TP)		○	○
Gardnerella vaginalis (GV)		○	○
Candida albicans (CA)		○	○
Haemophilus ducreyi (HD)		○	○
Group B Streptococcus (GBS)		○	○

SCMPlex™ STI Order Information

Cat. No.	Product	Description	Size
SCMP06A	SCMPlex™ STI-14 Detection kit	Simultaneous detection of 14 STI Pathogens	96 Tests/Kit
SCMP09A	SCMPlex™ STI-7 Detection kit	Simultaneous detection of 7 major STI Pathogens	96 Tests/Kit
SCMP09B	SCMPlex™ STI-7 PLUS Detection kit	Simultaneous detection of 7 additional STI Pathogens	96 Tests/Kit



SCM PlexTM

RV-PANEL A

Detection Kit



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SCM Plex™ 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

By SCM Biotech's Proprietary 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



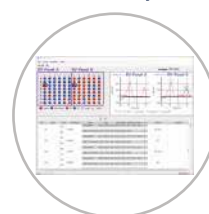
Manual or Automatic Extraction

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



CFX96™ Real-time PCR

Step 3 (5 min)
Data Analysis



SCM Plex™ 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

SCM Plex™ RV-Panel B : CoV-OC43, NL63, 229E, HKU1, hBoV, hRV, hEV, PIV4, hMPV
SCM Plex™ RV-Flu/RSV : Flu A, Flu A-H1N1, Flu A-H1N1pdm09, Flu A-H3N2, Flu B, RSV A, RSV B
SCM Plex™ 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
SCMP04A	SCM Plex™ 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	SCM Plex 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	SCM Plex 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
SCMP03A	SCM Plex 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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SCM PlexTM **RV-PANEL B** Detection Kit



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SCM Plex™ 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

By SCM Biotech's Proprietary 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 SCM Plex™ 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



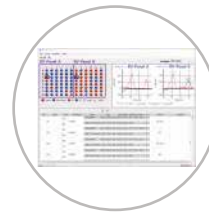
Manual or Automatic Extraction

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



CFX96™ Real-time PCR

Step 3 (5 min)
Data Analysis



SCM Plex™ 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

SCM Plex™ RV-Panel A : Flu A, Flu A-H1N1pdm09, Flu A-H3N2, Flu B, RSV A, RSV B, PIV 1, 2, 3, AdV

SCM Plex™ RV-Flu/RSV : Flu A, Flu A-H1N1, Flu A-H1N1pdm09, Flu A-H3N2, Flu B, RSV A, RSV B

SCM Plex™ 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
SCMP05A	SCM Plex™ RV-Panel B Detection Kit	Simultaneous Detection of 9 Viral Respiratory Pathogens in a Single Test	Multiplex Real-time RT-PCR	96 Tests/Kit
SCMP04A	SCM Plex™ RV-Panel A Detection Kit	Simultaneous Detection of 10 Viral Respiratory Pathogens in a Single Test	Multiplex Real-time RT-PCR	96 Tests/Kit
SCMP10A	SCM Plex™ 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
SCMP03A	SCM Plex™ 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

SCM Plex™ RB-8 Detection Kit



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SCM PlexTM TB/NTM-5 Detection Kit



Easy and Fast

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SCMPlex™

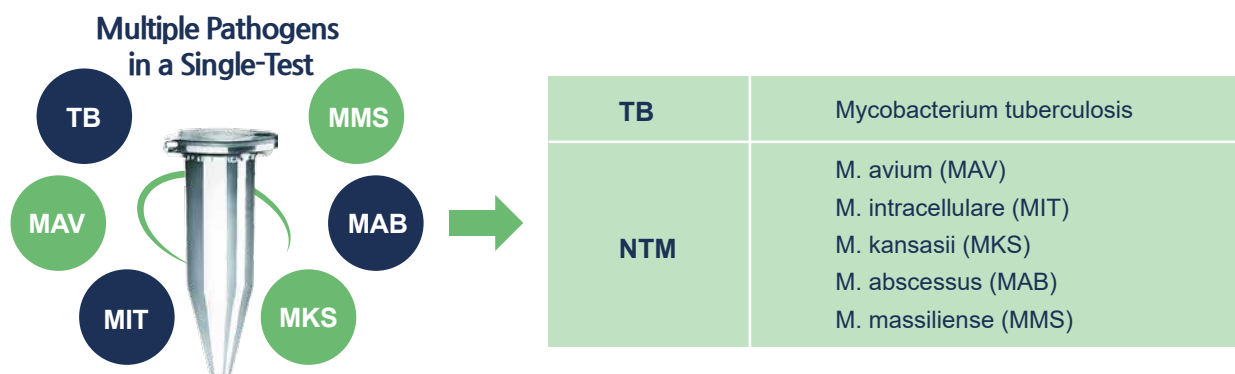
TB/NTM-5 Detection

CE-IVD Marked

Tuberculosis is one of the most world's threatening infectious diseases caused by **Mycobacterium tuberculosis (TB)** with high morbidity and mortality. **Non-tuberculosis mycobacteria (NTM)** infections, particularly with clinically relevant NTM species, are increasing in countries with low TB prevalence. Since therapeutic regimens are chosen according to the respective mycobacteria species, the reliable identification of TB and NTM is crucial for the treatment and prevention measures.

SCMPlex™ TB/NTM-5 Detection Kit is a multiplex real-time PCR assay that can detect TB and 5 pathogenic NTM in a single tube test by SCM Biotech's patented C-Tag™ technology, enabling your diagnosis more efficient with higher clinical performance.

Simultaneous Detection of TB and 5 NTM



Key Features

- **Single-Tube Multiplex Real-time PCR Assay**
 - Simultaneous detection and differentiation of TB and 5 NTM species in a single-tube assay
- **High Inclusivity**
 - Detection of 7 species of *M. tuberculosis* complex (MTBC)
 - Detection of 5 pathogenic NTM and other *Mycobacterium* species
- **Superior Clinical Performance**
 - Precise identification of *M. avium*-*intracellulare* complex (MAC)
 - Differentiation between *M. abscessus* and *M. massiliense*

Specimens

- Sputum

Compatible Instruments

- CFX96™ Dx System (Bio-Rad)
- Automatic nucleic acid extraction equipment

Clinical Benefits

TB/NTM identification for individualized antibiotic treatment

2020 ATS/ERS/ESCMID/IDSA Clinical Practice Guideline
2020 WHO consolidated guidelines on tuberculosis

Mycobacterium Species	Treatment
TB	Isoniazid, Rifampin
MAV · MIT	Macrolide, Rifampin or Ethambutol
MKS	Isoniazid, Rifampin, Ethambutol
MAB	Macrolide [®] , Amikacin, Cefoxitin, Imipenem
MMS	Macrolide

[®] Drug-resistance

SCM Plex™ RB-8 Detection Kit



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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



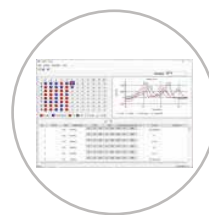
Manual or Automatic Extraction

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

SCM PlexTM GI-Virus 6 Detection Kit



Easy and Fast



SCMPlex™ Gastrointestinal Virus Panel GI-Virus 6 Detection

CE-IVD Marked

Simultaneous Detection of 6 Gastrointestinal Viruses

- Norovirus GI (NoV GI)
- Rotavirus (RoV)
- Astrovirus (AsV)
- Norovirus GII (NoV GII)
- Adenovirus (AdV)
- Sapovirus (SaV)

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

● Single-Tube Multiplex Real-Time RT-PCR Reaction

By SCM Biotech's Proprietary C-Tag Technology TM

● High Inclusivity

Detects and identifies 6 most common viruses that cause gastroenteritis
Supports viral and bacterial results in one report when used with SCM Plex™ GI-Bac panels TM
Automated analysis

*Coming soon

● Superior Clinical Performance

Clinical Sensitivity : 98.72% - 100%
Clinical Specificity : 99.54% - 100%
Reproducibility : 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 3.5 hour from nucleic acid extraction to result analysis, enabling same-day report

C-Tag Multiplex Real-Time PCR™

Step 1 (1 hr)
Nucleic acid Extraction



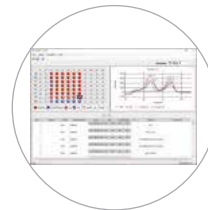
Manual or Automatic Extraction

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



CFX96™ Real-Time PCR

Step 3 (5 min)
Data Analysis



SCMPlex™ Viewer

- Simultaneous Detection of 6 Viral Gastrointestinal Pathogens in a Single PCR Test
- Fast Turnaround Time: Less than 3.5 Hour of Analysis and Same-Day Report

Compatible Instruments

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

Specimens

Stool

Series Products

SCMPlex™ GI-Bac 8*: *Salmonella* spp., *Shigella* spp./EIEC, *Vibrio* spp., *Campylobacter* spp., *C. perfringens*, *C. difficile* Toxin B, *Y. enterocolitica*, *Aeromonas* spp.

SCMPlex GI-Bac 8 : EPEC, STEC, ETEC, EAEC, E.coli O157:H7

*Coming soon

Ordering Information

Cat No.	Product	Description	Method	Size
SCMP02	SCM Plex™ GI-Virus 6 Detection Kit	Simultaneous detection of 6 Viral Gastrointestinal Pathogens in a Single Test	Multiplex Real-time RT-PCR	96 Tests/Kit