

Easy and Fast



NeoPlex™

Innovative Multiplex
Real-Time PCR Assay

NeoPlex™ Respiratory Virus Panel RV-Flu/RSV Detection

CE-IVD Marked

Simultaneous Detection of 7 Respiratory Viruses

- Influenza A Virus (Flu A)
- Influenza A H1N1 (Flu A-H1N1)
- Influenza A H1-2009 pdm (Flu A-H1pdm09)
- Influenza A H3N2 (Flu A-H3N2)
- Influenza B Virus (Flu B)
- Respiratory Syncytial Virus A (RSV A)
- Respiratory Syncytial Virus B (RSV B)

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

● Single-Tube Real-Time RT-PCR Reaction

By Genematrix's Proprietary C-Tag™ Technology

● Superior Clinical Performance

Clinical Sensitivity: 98.10% - 100%
Clinical Specificity: 100%

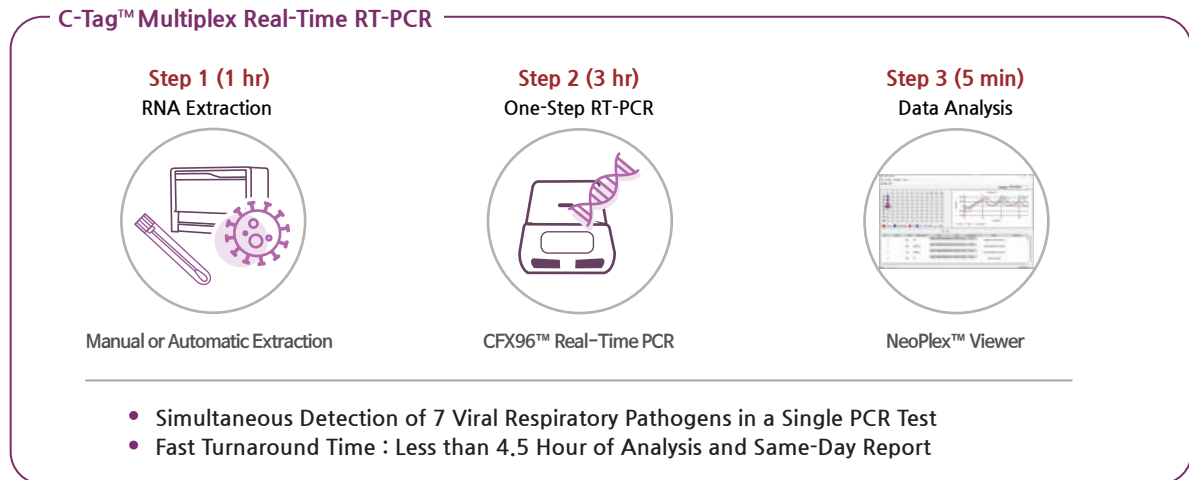
● Ease of Use

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

● Fast Turnaround Time (TAT)

Within 4.5 hour from RNA extraction to result analysis, enabling same-day report

Workflow



Compatible Instruments

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

Specimens

Nasopharyngeal swab

Series Products

NeoPlex™ RV-Panel A : Flu A, Flu A-H1N1pdm09, Flu A-H3N2, Flu B, RSV A, RSV B, PIV 1, 2, 3, AdV
 NeoPlex™ RV-Panel B : CoV - OC43, NL63, 229E, HKU1, hBoV, hRV, hEV, PIV4, hMPV
 NeoPlex™ RB-8 : SP, MP, CP, LP, HI, BP, BPP, MC

RB: respiratory bacterial pathogens, RV: respiratory viral pathogens

Ordering Information

Cat No.	Product	Description	Method	Size
NR01A	NeoPlex™ RV-Flu/RSV Detection Kit	Detection of Influenza Virus A, B, Respiratory Syncytial virus A and B in a Single Test	Multiplex Real-Time RT-PCR	96 Tests/Kit
NR03A	NeoPlex™ RV-Panel A Detection Kit	Simultaneous Detection of 10 Viral Respiratory Pathogens in a Single Test	Multiplex Real-Time RT-PCR	96 Tests/Kit
NR04A	NeoPlex™ RV-Panel B Detection Kit	Simultaneous Detection of 9 Viral Respiratory Pathogens in a Single Test	Multiplex Real-Time RT-PCR	96 Tests/Kit
NR02A	NeoPlex™ 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

GeneMatrix Inc.

KoreaBio Park B Bldg. 8F
 700 Daewangpangyo-ro, Bundang-gu
 Seongnam-si, Gyeonggi-do, 13488
 South Korea
 Tel : +82-31-628-2020
 Email : sales@genematrix.net