

Respiratory Viral Panel 4

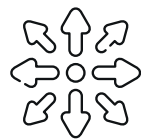
- Superior analytical sensitivity and specificity
- Fast and easy to use OneStep Multiplex real-time PCR technology
- Contamination preventing system(UDG)
- Compatible with FAM,VIC/HEX,ROX, Cy5 four colors real-time PCR instruments

CE-IVD

Real-time PCR



ONE STEP



MULTIPLEX



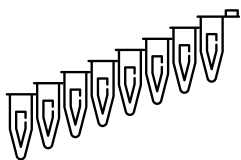
FAST



SENSITIVE

The geneMAP™ Respiratory Viral Panel 4 kit is qualitative in vitro assay (Multiplex qRT-PCR) for the detection of Influenza A (Inf A-H3N2, H3N2, H1N1), Influenza B (Inf B), Adenovirus (AdV), Human Rhinovirus A, B & C (HRV), Respiratory syncytial virus A & B (RSV A/B), SARS-CoV-2, *Streptococcus pyogenes*

Simple real time - PCR Workflow



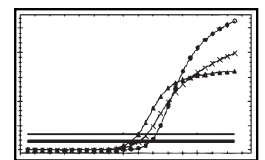
Sample preparation

Add Viral Nucleic Acid to the reaction mix



qPCR amplification

Multiplex qPCR using primers designed to amplify the DNA sequences specific to each SNP of interest



Data interpretation

SNPs are identified by allele-specific real time PCR.



Validated PCR Instruments

- Bio-Rad CFX96 / CFX384
- Life Technologies ABI-7500, QuantStudio Series
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR
- BaseTyper™, Pentabase
- Roche, Light Cyclers 480 II
- AccuRa-32 Realtime Fluorescence PCR System
- ZIP-96V Real Time PCR System/Zybio
- Longgene Q160C / Q1000+ / Q2000B

Technical Specifications

For detection of respiratory pathogens (Inf A, Inf B, AdV, HRV, RSV A/B, SARS-CoV-2, *S. pyogenes*)

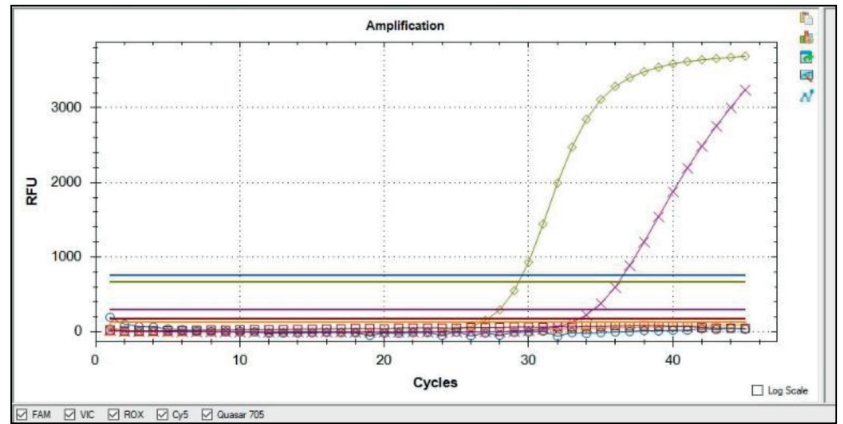
Ordering Information

RV4-RT100

geneMAP™ Respiratory Viral Panel 4

100 tests **CE-IVD**

CE-IVD is available in the EU and countries outside EU accepting the CE-IVD certification. Available as RUO in all other countries.



CONTENTS

VOLUME

RV4-Master Mix 1	1500 µl
RV4-Master Mix 2	1500 µl
Positive Control	100 µl
Negative Control	400 µl

In GENMARK SAĞLIK URUNLERI, we aim to create the top quality, time and cost efficient, trust-worthy and user-friendly products. We specialize in in-vitro detection kit production and development which is used for the diagnosis and treatment monitoring of many diseases connected to genetics, oncology, microbiology and hematological oncology.