SMG

STEPHENS MOLECULAR GROUP

LIMITED RESPIRATORY PANEL

7-Target Multiplex Real-Time PCR Assay

Precision Diagnostics.
Practical Solutions.



PRODUCT CODE
SMG-LRP-0701

7 TARGETS
FOCUSED. RELIABLE. FAST.

CLINICAL OVERVIEW

The SMG Limited Respiratory Panel is a 7-target multiplex real-time PCR assay designed for the rapid detection of the most clinically relevant respiratory pathogens. This focused panel aids in the differential diagnosis of respiratory infections, enabling timely treatment decisions and improved patient outcomes.

CLINICAL APPLICATIONS

- Urgent Care & Walk-In Clinics
- Physician Office Laboratories
- Hospital Laboratories
- Reference Laboratories
- Outpatient & Ambulatory Settings

KEY FEATURES

7 HIGH-PRIORITY TARGETS
Detects the most common respiratory pathogens in a single assay.

MULTIPLEX REAL-TIME PCR
High sensitivity and specificity with rapid turnaround time.

STREAMLINED WORKFLOW
Simplified setup and reduced hands-on time for maximum efficiency.

ACCURATE & RELIABLE
Robust performance with internal controls for result confidence.

TECHNICAL SUPPORT
Experienced molecular scientists available to support your laboratory.

VALIDATION MATERIALS & SUPPORT AVAILABLE
Comprehensive documentation and validation assistance provided.

COMPATIBLE PLATFORMS

Validated on leading real-time PCR instruments.



Thermo Fisher QuantStudio™ 5



Thermo Fisher QuantStudio™ 12 Flex

Other Compatible Real-Time PCR Systems

COMPLETE TARGET LIST

- SARS-CoV-2
- Influenza A
- Influenza B
- RSV A/B
- Human Rhinovirus/Enterovirus
- Human Metapneumovirus
- Parainfluenza Virus 1

High analytical sensitivity and specificity for reliable results you can trust.

WHY STEPHENS MOLECULAR GROUP?

We do more than supply reagents. We partner with your laboratory for long-term success.

ASSAY IMPLEMENTATION
Expert guidance for smooth assay adoption and integration.

VALIDATION PLANNING
Customized plans to meet regulatory and accreditation requirements.

SOP DEVELOPMENT
Comprehensive standard operating procedures tailored to your lab.

WORKFLOW OPTIMIZATION
Improve efficiency, reduce costs, and maximize productivity.

STAFF TRAINING
Hands-on training and resources for your laboratory team.

ONGOING TECHNICAL SUPPORT
Responsive molecular expertise when you need it.

MOLECULAR LABORATORY CONSULTING
Strategic support for growth and operational excellence.

INSPECTION READINESS ASSISTANCE
Support for CAP, CLIA, and other regulatory inspections.

VALIDATION MATERIALS & SUPPORT AVAILABLE
Ask about our comprehensive validation materials and support.