

Comprehensive Detection of Four Major Respiratory Pathogens in One Test

This advanced panel delivers a streamlined solution for respiratory virus diagnostics, helping clinicians make faster, more confident decisions.



Kit Size **100 rxns**

- **Multiple Pathogen Detection:** Simultaneously identifies:
 - SARS-CoV-2 • Influenza A • Influenza B • RSV
- **Rapid, Reliable Results:** Enables timely treatment and improved patient outcomes.
- **Ultra-Sensitive Analysis:** Detects even the faintest traces of pathogens (LOD 95% at just two copies of SARS-CoV-2).
- **Optimized Workflow:** Simplifies testing and reduces turnaround time for busy healthcare settings.

Key Features



Four Pathogens in One Test
Parallel Detection of SARS-CoV-2, Influenza A, Influenza B, and RSV



Multiple Detection
Kit for detection in 5 channels



Ultra-Sensitive Analysis
Ultra-sensitive analysis with LOD: 2 to 10 copies



Recent Virus Sequences
Design taking the most recent virus sequences into consideration



In-House Development
Thorough kit development *in silico* with virus monitoring



High Compatibility
Compatible with most RT-PCR devices

Virus	Detected Genes	Detected Strains/Subtypes	Fluorescence Channel
SARS-CoV-2	EndoRNase and Spike	All (including α , β , δ , σ)	FAM
Influenza A	Matrix protein 1 (M1), segment 7	H1N1, H1N1pdm, H3N2, H5N1, H7N9, H2N2, H1N2, H5N6, H9N2	HEX
Influenza B	Nonstructural protein 1 (NS1), segment 8	Victoria and Yamagata	TEX
RSV	RdRp Region	RSVA, RSVB	Cy5.5
Isolation Control*			Cy5

*Synthetic RNA which is added to the test sample isolation or directly to the RT-PCR reaction in the DB-1250

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