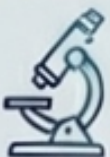




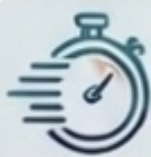
GENPLEXTM

FLU with RSV

Multiplex RT-PCR KIT



HIGH SENSITIVITY
& SPECIFICITY



RAPID RESULTS
< 2 HOURS



SIMPLE, ONE-TUBE
WORKFLOW

GenplexTM FLU with RSV Multiplex RT-PCR Kit

Overview

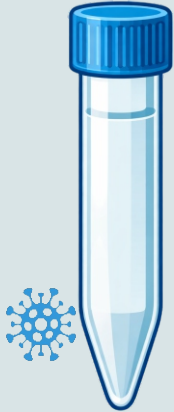
The GenplexTM Multiplex Kit is an advanced in vitro diagnostic solution designed for the simultaneous qualitative detection and differentiation of key respiratory viruses. Engineered for professional laboratory environments, this kit leverages Real-Time PCR technology and TaqMan probe-based detection to deliver clinical-grade accuracy for effective patient monitoring and diagnosis.

1



Comprehensive Multiplex Detection

Streamline your diagnostic workflow by identifying multiple targets across two specialized tubes:



TUBE 1

- Influenza A
- Influenza B
- RSV A/B

TUBE 2

- H1N1
- H3N2
- Rnase P

TUBE 3

- H5N1
- H7N9
- H9N2

SENSITIVITY: $\geq 95\%$

SPECIFICITY $\geq 98\%$

Key Features



Clinical Versatility

Validated for a broad range of specimen types to accommodate diverse clinical needs:
Swabs: Nasopharyngeal, Oropharyngeal, and Nasal.
Sputum: High-sensitivity detection in lower respiratory samples.



Simplified Workflow

- Rapid RT-PCR Profile:
- Optimized thermal cycling (approx. 44 cycles) for faster turnaround times.
 - **Broad Compatibility:** Validated for use with industry-leading extraction systems and Probgen Biotech.



Reliable Results & Quality Control










Integrated Controls: Every kit includes a robust Positive Control for all targets (InfA, InfB, RSV, H1N1, H3N2, and RNaseP) to ensure absolute assay validity.

GenplexTM

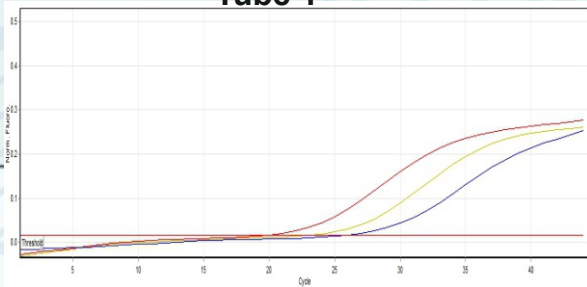


FLU with RSV Multiplex RT-PCR Kit

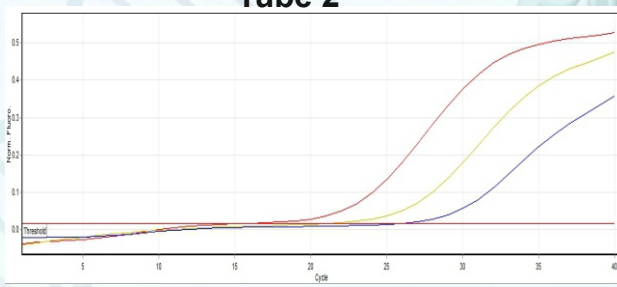
TARGET PATHOGEN PANELS

TARGET	VIRUS STRAIN	REAGENT TUBE
	Influenza A	Tube 1
	Influenza B	Tube 1
	RSV A/B	Tube 1
	H1N1	Tube 2
	H3N2	Tube 2
	Rnase P	Tube 2
	H5N1	Tube 3
	H7N9	Tube 3
	H9N2	Tube 3

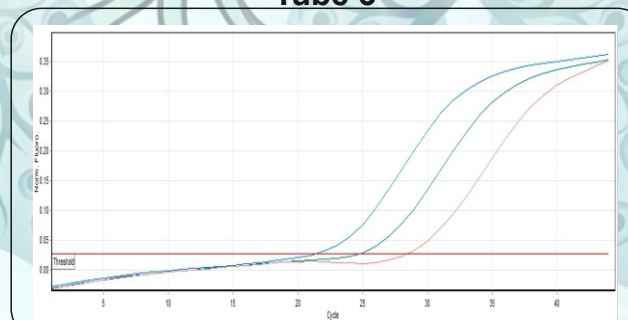
Tube 1



Tube 2



Tube 3



ASSAY WORKFLOW



1. SAMPLE COLLECTION
Respiratory Sputum, BAL,
and Pulmonary Samples



**2. NUCLEIC ACID
EXTRACTION**
Optimized Column-based or
Magnetic Bead Purification



3. RT-PCR DETECTION
Real-time Multiplex
Cycling



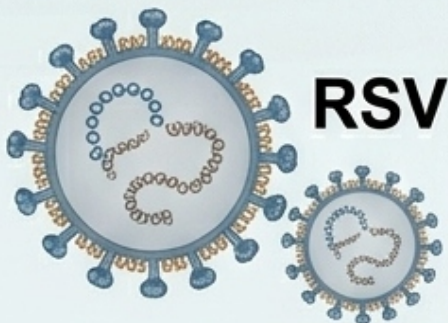
**4. DATA ANALYSIS
& REPORT**
Automated Result
Interpretation



ADVANCING RESPIRATORY DIAGNOSTICS: GENPLEX™ FLU WITH RSV MULTIPLEX RT-PCR KIT

GENPLEX™ FLU WITH RSV MULTIPLEX RT-PCR KIT

FLU



RSV



**MULTIPLEX
EFFICIENCY**

(Single well, two targets)



**COMPREHENSIVE
DETECTION**

(Influenza A, B, and RSV)



**HIGH SENSITIVITY
& SPECIFICITY**



**RAPID
RESULTS**



**RELIABLE
PERFORMANCE**



COMPATIBLE INSTRUMENTS

Validated for use on most **RT-PCR** platforms available in the market, including **Thermacyte X16** and **X96 (Probgen Brand)**.

Ordering Information

Product Name	Cat No.	Pack Size
Genplex™ FLU with RSV Multiplex RT-PCR KIT	GP1005	48
Genplex™ FLU with RSV Multiplex RT-PCR KIT	GP1006	96



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