

NxTAG[®] Respiratory Pathogen Panel + SARS-CoV-2 (RUO)

The NxTAG[®] Respiratory Pathogen Panel + SARS-CoV-2 (NxTAG[®] RPP + SARS-CoV-2) is a qualitative test for the detection of nucleic acids from multiple respiratory viruses and bacteria in nasopharyngeal swabs, oropharyngeal swabs, nasal swabs, anterior nasal swabs, mid-turbinate nasal swabs, nasal aspirates, and nasal washes. This assay is designed for use on the NxTAG-enabled MAGPIX[®] System.

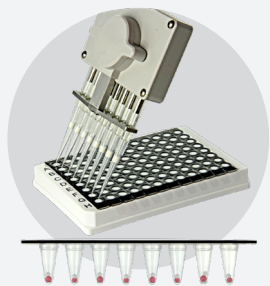
Features and Benefits:

- **Comprehensive Panel:** Detects 20 viral pathogens, including SARS-CoV-2 (ORF1ab and M gene) and 3 bacterial pathogens, in a single well—enabling thorough respiratory health analysis.
- **Scalable Throughput:** Process up to 96 samples in less than 3 hours post-extraction, accommodating variable, day-to-day testing demand.
- **Minimal Hands-on Time:** Pre-plated, lyophilized reagents facilitate a simple workflow with just one pipetting step, ensuring an easy fit in any lab's daily routine.

Targets

Viral Targets		Bacterial Targets
Influenza A	Human Metapneumovirus	<i>Chlamydomphila pneumoniae</i>
Influenza A - subtype H1	Adenovirus	<i>Mycoplasma pneumoniae</i>
Influenza A - subtype H3	Parainfluenza 1	<i>Legionella pneumoniae</i>
Influenza A - subtype 2009 H1N1	Parainfluenza 2	
Influenza B	Parainfluenza 3	
SARS-CoV-2	Parainfluenza 4	
Coronavirus HKU1	Respiratory Syncytial Virus A	
Coronavirus N63L	Respiratory Syncytial Virus B	
Coronavirus OC43	Rhinovirus/Enterovirus	
Coronavirus 229E	Human Bocavirus	

NxTAG® Workflow (Post-Extraction)



Step 1

Add 1-96 extracted samples to pre-plated test wells



Step 2

Run multiplex PCR and bead hybridization



Step 3

Read on NxTAG®-enabled MAGPIX®

Ordering Information

Product Name	Part Number
NxTAG® Respiratory Pathogen Panel + SARS-CoV-2*	X056C0470
SYNCT™ Software	CN-SW47

*RUO – For Research Use Only.

Luminex®
complexity simplified.

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