

**STATONAT**<sup>®</sup>

**NEW**

**LAB**

# Pluri CoV-2-FLU-RSV

**Real Time RT-PCR for qualitative detection  
of novel Coronavirus SARS-CoV-2,  
FLU A&B and RSV**



**SENTINEL**  
DIAGNOSTICS

# Pluri CoV-2-FLU-RSV

## Real Time RT-PCR for qualitative detection of novel Coronavirus SARS-CoV-2, FLU A&B and RSV

The STATNAT® Pluri CoV-2-FLU-RSV kits are lyophilized Real-Time RT-PCR multiplex assays based on nucleic acid amplification for the qualitative detection of SARS-CoV-2, Influenza A and B (Flu A&B) and Human Respiratory Syncytial Virus A&B (RSV) in human respiratory samples. The kits are intended for use as an aid in the diagnosis of SARS-CoV-2, Flu A&B and RSV infection in humans.

STATNAT® Pluri CoV-2-FLU-RSV kits are based on Real-Time RT-PCR testing targeting simultaneously specific regions of SARS-CoV-2 (specific portion of the N gene as recommended by US CDC, labelled with FAM fluorophore), Influenza A&B (M2-M1 genes and NEP-NS1 genes, labelled with HEX fluorophore) and RSV (L gene, labelled with Texas Red fluorophore) allowing fast and simple results evaluation. Primers and probes specific for a housekeeping gene (human RNase P), labelled with Cy5 fluorophore, are used as endogenous Internal Control (IC). The Positive Control (PC) is included in the 1N042 kit and is available separately, in a dried form, for the 1N049 kit (1N050 - STATNAT® Pluri CoV-2-FLU-RSV Positive Control).

### Easy interpretation of results\*

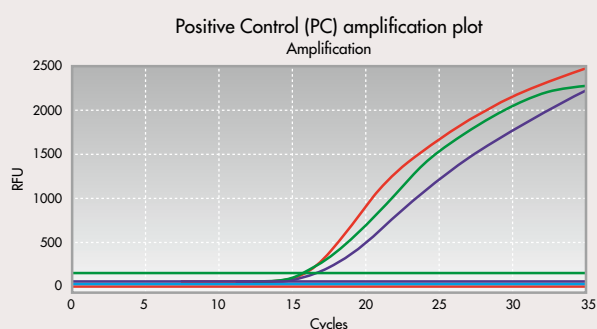
FAM Channel (SARS-CoV-2)	HEX/VIC Channel (FLU A&B)	Texas Red Channel (RSV)	Cy5 Channel (IC)	Validity of the test	Detection of SARS-CoV-2/FluA&B/RSV RNA
+	-	-	+	VALID	POSITIVE for SARS-CoV-2
-	+	-	+	VALID	POSITIVE for FLU A&B
-	-	+	+	VALID	POSITIVE for RSV
-	-	-	+	VALID	NEGATIVE or undetectable
+/-	+/-	+/-	+	VALID	POSITIVE WITH CO-INFECTION
+/-	+/-	+/-	-	INVALID	INVALID**

\* Positive results do not rule out coinfection with other bacteria or other viruses

\*\*High concentrated samples can inhibit the amplification of the Internal Control, in this case is recommended to repeat the extraction step using the same primary sample or collect a new primary sample and repeat the test

### Benefits of the kits:

- Multiplex approach: one reaction to easily discriminate between SARS-CoV-2, Flu A&B or RSV infection
- Exclude infection from other pathogens
- Validated on human respiratory tract specimens
- Endogenous Internal Control to confirm findings
- Fast and accurate detection for precise results
- Four channels instrument needed: FAM, HEX/VIC, Texas Red and Cy5
- STATNAT® Pluri CoV-2-FLU-RSV kits are stable at +15/+30 °C



Ref.	Description	Kit size
1N042	STATNAT® Pluri CoV-2-FLU-RSV Lyophilized mix for qualitative detection of novel Coronavirus SARS-CoV-2, FLU A&B and RSV in Real Time RT-PCR	96 tests
1N049	STATNAT® Pluri CoV-2-FLU-RSV Lyophilized mix for qualitative detection of novel Coronavirus SARS-CoV-2, FLU A&B and RSV in Real Time RT-PCR	288 tests
1N050	STATNAT® Pluri CoV-2-FLU-RSV Positive Control Positive Control used to verify the performances of the STATNAT® Pluri CoV-2-FLU-RSV (Ref. 1N049)	2 vials

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