

SENTIGENE®

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



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Pluri CoV-2-FLU-RSV

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

The SENTI-GENE® Pluri CoV-2-FLU-RSV kit is a Real-Time RT-PCR multiplex assay 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 kit is intended for use as an aid in the differential diagnosis of SARS-CoV-2, Flu A&B and RSV infection in humans.

SENTI-GENE® Pluri CoV-2-FLU-RSV kit is 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 A&B (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 present in the kit and are used as endogenous Internal Control (IC). The Positive Control (PC), in liquid form, is included in the kit.

Easy interpretation of results*

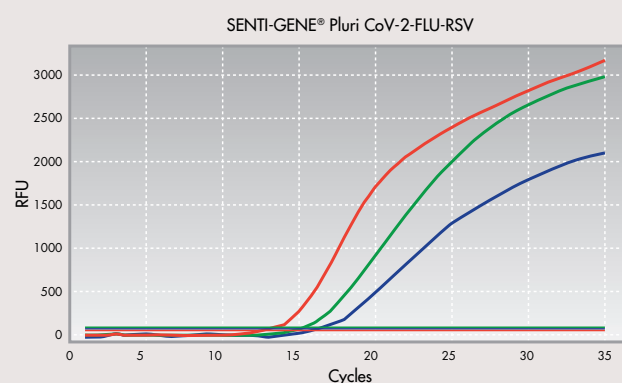
FAM Channel (SARS-CoV-2)	HEX Channel (FLU A&B)	Texas Red Channel (RSV A&B)	Cy5 Channel (IC)	Validity of the test	Detection of SARS-CoV-2/FluA&B/RSV RNA
+	-	-	+	VALID	POSITIVE for SARS-CoV-2
-	+	-	+	VALID	POSITIVE for FLU A&B
-	-	+	+	VALID	POSITIVE for RSV
-	-	-	+	VALID	NEGATIVE or undetectable
+/-	+/-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

* Positive results do not rule out co-infection 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 kit:

- 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
- Results available in less than 2 hours
- Fast and accurate detection for precise results
- Four channels instrument needed: FAM, HEX, Texas Red and Cy5
- SENTI-GENE® Pluri CoV-2-FLU-RSV kit is stable at -15/-25 °C



Ref.	Description	Kit size
1N043	SENTI-GENE® Pluri CoV-2-FLU-RSV Real Time RT-PCR for qualitative detection of novel Coronavirus SARS-CoV-2, FLU A&B and RSV	100 tests

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