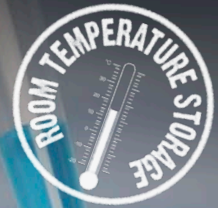


NEW

LAB

STATONAT[®] COVID-19 MULTI

Lyophilized One Step Multiplex Real-Time PCR mix
for the detection of **novel Coronavirus disease**



The **flexible** solution
for **every laboratory**

SENTINEL
DIAGNOSTICS

STAT-NAT®

Molecular Biology made easy!

Available
now

LAB

Coronaviruses are a group of viruses that cause diseases in mammals and birds. In humans, coronaviruses cause respiratory tract infections that are typically mild, such as the common cold, though strains such as SARS, MERS and SARS-CoV-2 can be lethal. The STAT-NAT® COVID-19 MULTI kit is a lyophilized, one step, multi gene, Real-Time RT-PCR qualitative assay based on nucleic acid amplification for the identification of the novel Coronavirus SARS-CoV-2 RNA in human respiratory tract specimens. The kit is a multiplex assay based on the simultaneous detection of RdRP and ORF1b-*nsp14* genes, the most relevant genes for the sure identification of the SARS-CoV-2 infection.



Patent No. WO2010133628 A1

The convenient configuration, 6 glass vials containing an optimized freeze-dried reaction mixture for 48 tests each, allows the highest flexibility in the number of tests to perform, it's compatible with any kind of PCR reaction consumables and can be used with automatic liquid handlers.

Just 4 simple steps to start the assay

The use of the same fluorophore for both genes and the presence of the endogenous house keeping gene (human RNase P) as Internal Control, make this kit extremely easy-to-use also for the results interpretation: no doubts, nor misunderstandings!

FAM Channel (RdRP and ORF1b- <i>nsp14</i> genes)	HEX/VIC Channel (IC)	Validity of the test	Detection of SARS-CoV-2 RNA
+	+	VALID	POSITIVE
-	+	VALID	NEGATIVE or undetectable
+	-	VALID	POSITIVE*
-	-	INVALID	INVALID

*High concentrated samples can inhibit the amplification of the Internal Control

Benefits of the kits:

- Designed for greatest flexibility in high-volume routine: 6 vials containing lyophilized master mix for 48 tests each
- Reconstituted solution can be frozen for later use
- Usable with any PCR reaction consumables and liquid handler
- Highly specific for SARS-CoV-2, reliable identification of novel Coronavirus disease (COVID-19)
- Avoid the doubtful results from other coronaviruses
- Multiplex approach: simultaneous detection of RdRP and ORF1b-*nsp14* genes
- Only two channels instrument needed: FAM and HEX/VIC
- Results available in less than 2 hours
- Endogenous Internal Control included in the reaction
- Validated on human respiratory tract specimens
- Room temperature shipping and storage

Ref.	Description	Kit size
1N041	STAT-NAT® COVID-19 MULTI Lyophilized One Step Multiplex Real Time RT PCR mix for the detection of novel Coronavirus SARS-CoV-2 RNA in human respiratory tract specimens.	288 tests
1N025	STAT-NAT® COVID-19 MULTI Dried down Positive Control used to verify the performances of the STAT-NAT® COVID 19 kits	2 vials

<p>Room temperature storage STAT-NAT® is freeze-dried and guarantees long term storage at room temperature.</p>	<p>Easy STAT-NAT® contains all the reaction components. The enzyme (Hot Start Polymerase) is already included.</p>	<p>Universal STAT-NAT® technology yields very good performances in all the most diffused molecular biology techniques.</p>
<p>Performance improvement STAT-NAT® is a ready-to-use product that minimizes analytical variables.</p>	<p>Flexible STAT-NAT® can improve test sensitivity even with low concentrated DNA samples.</p>	<p>Environmentally sustainable STAT-NAT® needs neither cumbersome packaging nor temperature controlled shipment.</p>

Sentinel CH. SpA

Via Robert Koch, 2 • 20152 Milan - Italy
Phone: +39 02 3455141 • Fax: +39 02 34551464
sentinel@sentinel.it • www.sentinel diagnostics.com



SENTINEL
DIAGNOSTICS