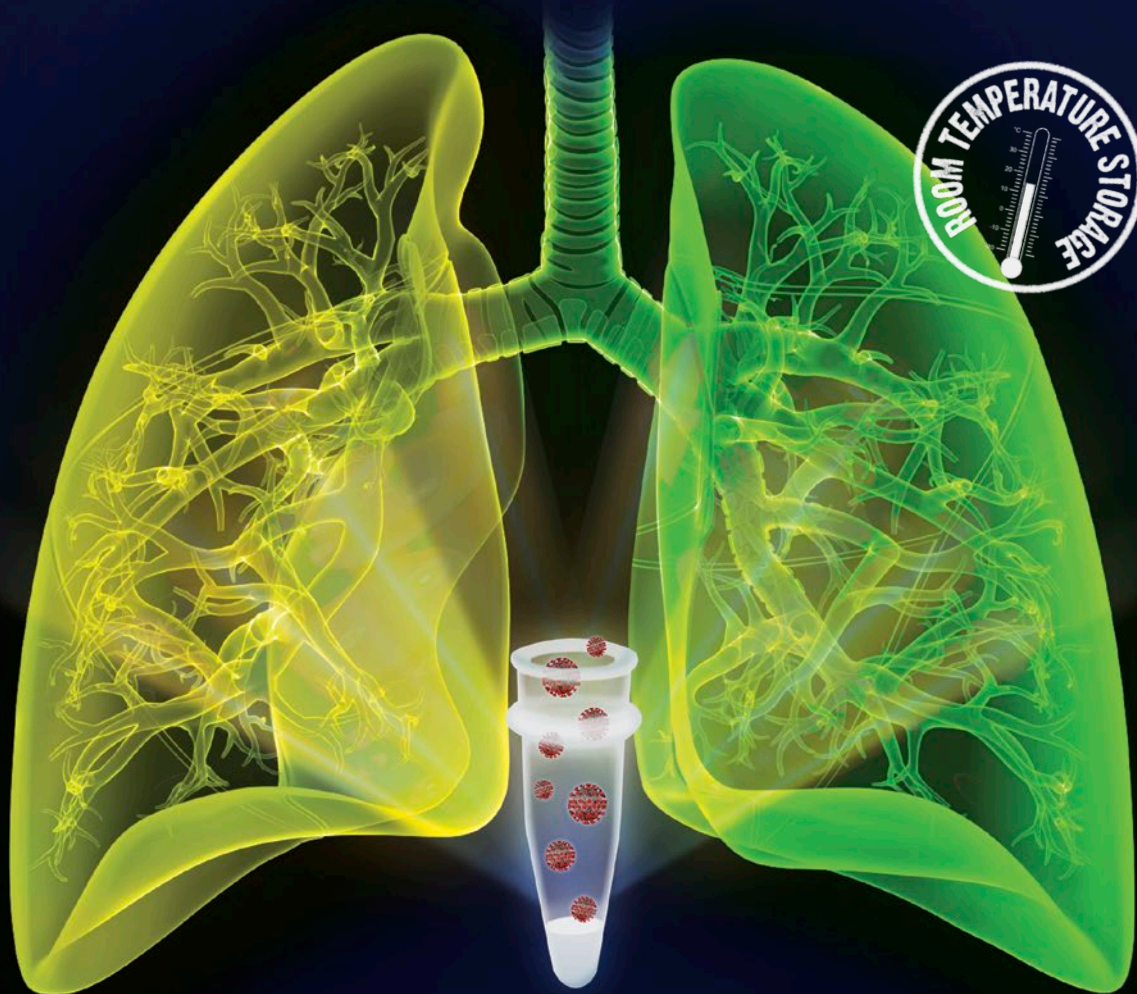


NEW

LAB

STATONAT[®] COVID-19 MULTI

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



One tube, one sample:
simple and clear!

SENTINEL
DIAGNOSTICS

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 assay is an aid in the diagnosis of COVID-19.



Patent No. W02010133628 A1

STAT-NAT® COVID-19 MULTI kit is a multiplex assay based on the simultaneous detection of RdRP and ORF1b genes, the most relevant genes for the sure identification of the SARS-CoV-2 infection. 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 and, at the same time, guarantee the identification of the COVID-19 infection in human respiratory tract specimens.

Easy results interpretation: no doubts, nor misunderstandings!

FAM Channel (RdRP and ORF1b 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:

- Ready to use one-step lyophilized master mix
- Multiplex approach: simultaneous detection of RdRP and ORF1b genes
- Highly specific for SARS-CoV-2, reliable identification of novel Coronavirus disease (COVID-19)
- Right balance between sensitivity and specificity
- Avoid the doubtful results from other coronaviruses
- Only two channels instrument needed: FAM and HEX/VIC
- Results available in less than 2 hours
- Endogenous Internal Control included in the reaction
- Positive Control is included in the kit
- Validated on human respiratory tract specimens
- No cold chain shipping and storage

Ref.	Description	Kit size
1N036	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.	96 tests

<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>

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