

# NOVEL CORONAVIRUS

(2019-nCoV) Detection kit



Accurate

Fast & Sensitive

Cost Efficient

Multiple uses

Detection of novel  
coronavirus  
SARS-COV-2

- High sensitivity and specificity
- Complete and ready-to-use solution kit
- Multiple sample type possibilities for RT-qPCR detection
- Compatible with standard qPCR machines
- Ensures safety and health
- Test meets requirements of WHO



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## Introduction

The Novel Coronavirus Detection Kit (2019-nCoV) is a fast and sensitive real-time reverse transcriptase (RT)-PCR assay. Or qualitative detection of novel coronavirus SARS-CoV2, that combines reverse transcription and PCR amplification in a one-step procedure.

The PCR consists of a specific amplification of two conserved targets (Open Reading Frame; ORF1ab and Nucleoprotein; N,) and an internal amplification control.

The kit is specially designed for isolation and purification of RNA from biological specimens, and cultured cells from, either upper or lower, respiratory samples.

This kit is intended to be used by trained professionals in a laboratory environment.

## What is qPCR testing?

The quantitative polymerase chain reaction (qPCR) is a biochemical technology used to amplify a specific DNA target in a test tube.

During amplification, fluorescent light is generated and monitored by the qPCR instrument.

Today, qPCR is a common diagnostic technique and it is used for a wide variety of applications.

## Total solution

- Virus cell RNA kit
- nCoV reaction mix
- nCoV enzyme mix
- nCoV positive control

## Work flow



RNA extraction



RT-qPCR

For more info visit [www.dna-diagnostic.com](http://www.dna-diagnostic.com) or contact Tel +45 87 32 30 50 · [info@dna-diagnostic.com](mailto:info@dna-diagnostic.com)

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### About us

DNA Human Diagnostic is 100% owned by DNA Diagnostic A/S. DNA Diagnostic A/S is a Danish biotech company founded in 1992, specialized in the development of test kits for Human Health, Food Safety and Animal Health. Our products are sold and used all over the world. At DNA Diagnostic,

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