



## Novodiag® COVID-19 Assay

High-performing, fully-automated on-demand testing that enables fast diagnosis of SARS-CoV-2.

### Easy to use solution with PCR performance.

The **Novodiag® COVID-19 assay**, performed with the Novodiag System, is a cartridge-based molecular test for qualitative detection of **severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)**. The test uses **nasopharyngeal swab samples** from patients.



#### Dual targeting

The assay detects **dual targets of SARS-CoV-2 (orf1ab & N genes)** including at least one conserved region and one specific region to mitigate against the effects of genetic drift and avoid cross-reaction with other endemic coronaviruses. Targets are reported separately.



#### Rapid & safe results

The Novodiag **rapid 'sample-in, result-out' system**, allowing the fully automated detection of novel coronavirus in **approximately 1 hour**. Novodiag's closed system ensures the protection of healthcare professionals from possible contamination.



#### Cellularity control

A **cellularity control** is also added to the test to prevent false negative results. Detection of the cellularity control ensures the sample was taken properly and contains sufficient amount of sample material including human epithelial cells.



#### User-friendly precision engineering

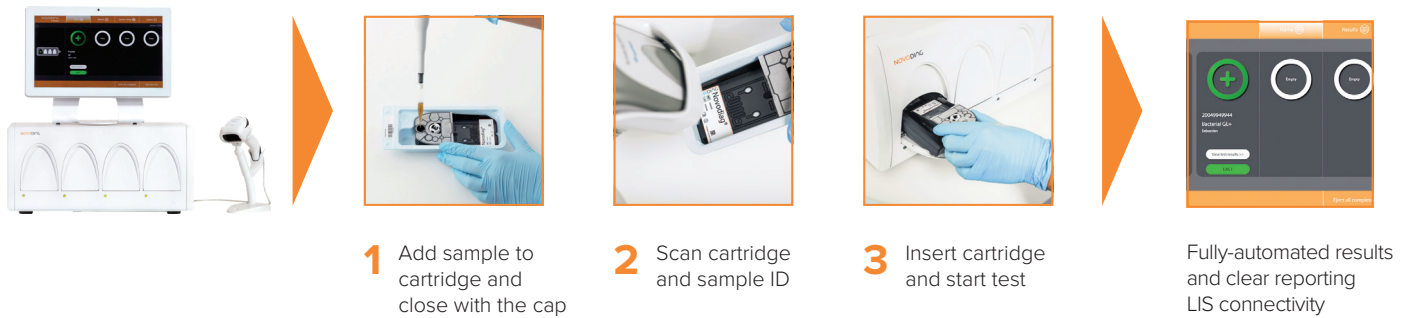
The user-friendly nature of the system means that the Novodiag system can be **easily implemented in decentralised settings** as well as high risk and hard to reach areas without the need for highly trained personnel.

### Cartridge



**Sample type:** Nasopharyngeal swab  
**Time to result:** 80min  
**Targets:** SARS-CoV-2 (orf1ab)  
 SARS-CoV-2 (N)

## Designed for a practical workflow



Features	Advantages & Benefits
Fully-automated workflow with limited hands-on time, closed system	Better reproducibility, precision and productivity Ensures users safety, protects from possible contamination
Detection of dual targets Cellularity control and Internal control	Reliable results Prevention of false negative results
Results in approx. 1h	Fast diagnosis and infection control implementation Time and cost effectiveness Improved patient outcome
On-demand testing	Improved workflow and time to results Increased lab revenue
Easy-to-use and interpret	Time and labour saving No need for highly trained personnel enabling decentralised testing

## Ordering information

Novodiag® Respiratory Assay	Items	Quantity	Catalogue number
Novodiag COVID-19 assay	Integrated sample to result cartridge	12 Tests cartridge	NVD-CV-012

## SMART SIMPLICITY in on-demand testing



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