



# A complete solution for COVID-19 diagnosis

- Extraction robots and consumables
- Magnetic bead extraction kits
- Triplex RT-qPCR
- Serological tests (IgG, IgM and IgA ELISAs)



# Automated extraction

## IDEAL™ EXTRACTION ROBOTS

The IDEAL™ extraction robots offer nucleic acid purification with high efficiency and purity.

They are designed to deliver high-quality results while minimizing handling, helping you automate a significant part of your workflow.

Choose from **two systems** depending on your throughput:



### IDEAL™ 96:

- + High throughput: process 96 samples in 20 minutes
- + Stronger magnets to increase extraction capacity



### IDEAL™ 32:

- + For small and medium throughput: process 32 samples in 20 minutes
- + UV lamp and heating block included

Programs may be run directly from the instruments: **simply plug and play!**

## Features

- + Pre-loaded with protocols for the ID Gene™ extraction kits
- + Flexible: create or modify your own protocols
- + Easy-to-use with a touchscreen and a user-friendly interface
- + Open system: use with any magnetic bead extraction kit
- + Start and stop feature: resume your program if the machine is stopped
- + Robust: no metrology required
- + CE marking

## ID GENE™ EXTRACTION KITS

Use with ID-Solutions' extraction robots IDEAL-32 and IDEAL-96 or any other robot with an open system.

- **ID Gene™ Mag Virus Extraction Kit**  
Ref. [MAGVIRUS-250](#)  
Optimized yield, with results in only 26 minutes
- **ID Gene™ Mag Fast Universal Extraction Kit**  
Ref. [MAGFAST-384](#) / [MAGFAST-768](#)  
Results in only 20 minutes



Spin columns (manual extraction) available upon request.

# SARS-CoV-2 Triplex RT-qPCR



The **IDNCOV-2** detection kit is a triplex RT-PCR which specifically amplifies two target sequences in the gene coding for the nucleocapsid (N) protein of the SARS-CoV-2 coronavirus, as well as an endogenous control.

## + HIGHLY SENSITIVE AND SPECIFIC

- High specificity thanks to the use of targets developed by the Center for Disease Control and Prevention (CDC, USA)
- High sensitivity: Limit of Detection (LOD95%) < 15 copies/PCR

## + RELIABLE RESULTS

- Dual-detection system of two target genes of the N protein
- Endogenous internal control to ensure sample presence and the absence of false negatives
- Validated by the French National Reference Laboratory and CE-IVD marked

## + SIMPLE AND RAPID OPERATION

- One step RT-PCR, results are obtained within 1 hour



### RAPID

Results obtained in 1 hour



### RELIABLE

Thanks to a dual-detection system and an endogenous internal control



### READY-TO-USE

± 2 minutes hands-on time to start



### FLEXIBLE

Validated on the main thermocyclers on the market

## Specifications

METHOD	RT-PCR - Triplex - Qualitative	
SAMPLE TYPES	Nasopharyngeal, oropharyngeal swab and sputum samples from humans	
TARGETS	Dual detection of two sequences in the nucleocapsid-coding gene in FAM and VIC	
INTERNAL CONTROL	Amplification of an endogenous internal control in Cy5	
PRODUCT NAME	IDNCOV-2	
PRODUCT CODES	IDNCOV2q-100	IDNCOV2q-500
FORMATS	100 tests	500 tests



CE-IVD  
marked

# Ordering information

PRODUCT DESCRIPTION	REACTIONS	REFERENCE
<b>Extraction robots</b>		
IDEAL™ 96 robot: Magnetic beads system for automated DNA/RNA purification	96	IDEAL-96
IDEAL™ 32 robot: Magnetic beads system for automated DNA/RNA purification	32	IDEAL-32
<b>Plastic consumables for IDEAL™ 96</b>		
Plastic tip combs		IDTIP-96
Elution plate		IDELU-96
Deepwell plate		IDWELL-96
<b>Plastic consumables for IDEAL™ 32</b>		
Plastic tip combs		IDTIP-32
Deepwell plate		IDWELL-32
<b>Magnetic bead extraction kits</b>		
ID Gene™ Mag Virus Extraction Kit	250	MAGVIRUS-250
ID Gene™ Mag Fast Universal Extraction Kit	384	MAGFAST-384
	768	MAGFAST-768
<b>Silica columns for manual extraction</b>		
ID Gene™ Spin Universal Extraction Kit	50	SPIN50
	250	SPIN250
<b>RT-qPCR kits</b>		
IDNCOV-2 Triplex RT-PCR <span style="border: 1px solid black; padding: 2px;">CE-IVD</span>	100	IDNCOV2q-100
	500	IDNCOV2q-500
<b>Serological ELISA tests (manual/automatable)*</b>		
ID Screen® SARS-CoV-2-N IgG Indirect <span style="border: 1px solid black; padding: 2px;">CE-IVD</span>	384	SARSCOV2S-4P
	768	SARSCOV2S-8P
ID Screen® SARS-CoV-2-N IgM Capture	384	SARSCOV2IGM-4P
	768	SARSCOV2IGM-8P
ID Screen® SARS-CoV-2-N IgA Indirect	384	SARSCOV2IGA-4P
	768	SARSCOV2IGA-8P

\* 96-well ELISA format.

\* Test serum/plasma & dry blood spots.