

COVID-19

A highly reliable serology test to detect IgG antibodies against SARS-CoV-2



The **ID Screen® SARS-CoV-2-N IgG Indirect** test is an indirect semi-quantitative ELISA for the specific detection of IgG antibodies against the nucleocapsid of SARS-CoV-2 in human serum and plasma.

+ Highly reliable

- **High sensitivity and specificity**
- **Excellent specificity (99.9%): high positive predictive value**, even in low prevalence areas, means a positive result reliably indicates if a person has been exposed to the virus and if the patient has developed antibodies
- **Accurate results**, with clear discrimination of positive and negative samples

+ Rapid and easy-to-use

- Use manually or with any open automated immunoassay platform
- Ready-to-use reagents
- Results in 95 minutes
- Possibility to operate on inactivated serum/plasma samples to guarantee operator's safety



CE marked

WITH YOU AT EVERY STEP

ID.vet

TEST PERFORMANCE

Diagnostic/clinical specificity: 99,9% (IC_{95%}: 99,6 – 100)

Diagnostic specificity (DSp) was assessed by IDvet through the analysis of 1247 samples (100 sera and 1147 plasmas from healthy blood donors).

Diagnostic/clinical sensitivity: 95,2% (IC_{95%}: 88,4 – 98,1)

The diagnostic sensitivity was measured on samples collected > 15 days after the onset of symptoms.

Analytical specificity (exclusivity):

No cross-reactions with other pathogens were observed, not even with human coronaviruses (HCoVs) other than SARS-CoV-2 (analysis of 92 samples).

Seroconversion kinetics:

Seroconversion kinetics were followed in 4 patients hospitalized and tested positive for COVID-19 by RT-PCR (CHU de Montpellier).

For the patients tested, IgG antibodies were detected between 5 and 13 days after the onset of symptoms.

PRODUCT SPECIFICATIONS

METHOD	Semi-quantitative indirect ELISA
TARGET	IgG antibodies direct against the SARS-CoV-2 nucleocapsid
SAMPLE TYPES	Serum or plasma
VALIDATED SPECIES	Human
SPECIMEN VOLUME	10 µl
COATED ANTIGEN	Purified recombinant antigen
CONJUGATE	Protein G-HRP conjugate (concentrated 10X)
TEST RUN TIME	95 min
READING WAVELENGTH	450 nm
PRODUCT CATEGORY	<i>In vitro</i> diagnostic test, CE marked

Ordering information

PRODUCT CODES	SARSCOV2S-4P	SARSCOV2S-8P
FORMATS	4 plates	8 plates
REACTIONS	384 tests	768 tests
PLATE FORMATS	12 x 8-well strips	12 x 8-well strips