NEW:
SARS-CoV-2 IgG Quantitative ELISA

March 2021

DIALAB is now offering a new SARS-CoV-2 IgG Quantitative ELISA, with which the IgG concentration against the S1-RBD protein of the SARS-CoV-2 virus can be determined.

This enables a quantitative determination of the IgG antibody concentration after a coronavirus vaccination or after an infection.

The S1-RBD protein plays a key role in the induction of neutralizing antibodies, T-cell responses, fusion and entry into cells and serves as a target for the development of antibodies, entry inhibitors and vaccines, as well as for establishment of protective immunity during infection with SARS-CoV-2.[1]

General Information

	SARS-CoV-2 IgG Quantitative
Method	**ELISA:** indirect
Shelf life	**18 months** from date of production
Sample volume	**10 µL** per determination
Calibration Range	**0 – 400 AU/mL**
Incubation time	total incubation time: **70 minutes**
Incubation temperature	**37°C** and **room temperature**
Wavelength	**450 nm**, (620/630 nm)

Order Information

REF	Name	Method	Determination	Specimen Type
I20054	**SARS-CoV-2 IgG Quantitative**	ELISA	quantitative	human serum or plasma
I20053	**SARS-CoV-2 IgG**	ELISA	qualitative / cut-off	human serum or plasma
I20052	**SARS-CoV-2 Total Ab**	ELISA	qualitative / cut-off	human serum or plasma
I20051	**SARS-CoV-2 IgM**	ELISA	qualitative / cut-off	human serum or plasma

Please do not hestitate to contact us for further information!

www.dialab.at or **office@dialab.at**

[1] Yuan M, et al. (2020). A highly conserved cryptic epitope in the receptor binding domains of SARS-CoV-2 and SARS-CoV. Science, 2020 May 08: 630-633.