



Dia Lab Services S.r.l. is the sole owner of the renowned RADIM brand supplying quality ELISA kits to global markets since 1980. The company's products to name a few include in vitro test-systems and reagents for detecting allergies, viral infections, immune system disorders and measuring human hormone responses. We also have solutions for laboratory automation and optimization.

All our diagnostic assays are CE-certified and are produced in strict conformity with iso quality standards for preserving the good practice of our clients and well-being of their patients.

Our comprehensive response to the COVID-19 challenge represents a complete, simple and accurate solution for the qualitative and semi-quantitative detection of antibodies to SARS-CoV-2.

RADIM SARS-CoV-2 ELISA DIAGNOSTIC KITS

OPTIMAL ANALYTICAL CHARACTERISTICS

- confirmed sensitivity is 100%
- confirmed specificity is 100%
- there are no cross-reactions with other types of viruses and coronaviruses related to SARS-CoV-2; other causative agents of bacterial pneumonia and tuberculosis; rheumatoid factor



SARS-CoV-2-IgG kit
for semi-quantitative IgG detection



SARS-CoV-2-IgM kit
for qualitative IgM detection



SARS-CoV-2-antibodies kit
for qualitative IgG+IgM+IgA detection

HIGH SPEED OF ELISA ANALYSIS

- there is no preliminary dilution of sera, 10 uL of samples are immediately dosed into microwells
- all reagents are ready to use
- short incubation time

VISUAL CONTROL OF PROCEDURES

- bright indication of sample addition
- color-marked reagents

MULTIPLE FIELDS OF APPLICATION

- screening of different populations for presence of the antibodies to SARS-CoV-2
- general assessment of individual or collective immunological status
- clarification of the stage of coronavirus infection
- screening of donors for IgG antibodies
- laboratory confirmation in combination with PCR tests

We recommend SARS-COV-2 TRIPLEX PCR kit by our partner Astra Biotech, Germany.

SOLUTION FOR ELISA AUTOMATION

The kits were validated for use with automatic analyzer Alisei Q.S. (Next Level, Italy)

Other makes and models of analyzers can be used after proper validation experiments



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The main diagnostic methods of COVID-19 include direct detection of the virus by PCR in the biomaterial of the respiratory tract and the determination of antibodies to SARS-CoV-2 in the blood.

Antibody determination allows confirmation of SARS-CoV-2 infection in both patients with symptomatic and asymptomatic courses, because the first antibodies appear as early as 3-5 days after the onset of the disease. This is essential for controlling outbreaks of this disease.

It is also important to differentiate the types of antibodies present in the serum, since IgM appear in the acute period of infection, while IgG are synthesized later. It is possible to determine the stage of infection by analyzing of the IgM/IgG ratio. This is important for adjusting the therapeutic strategies and monitoring of patient recovery.

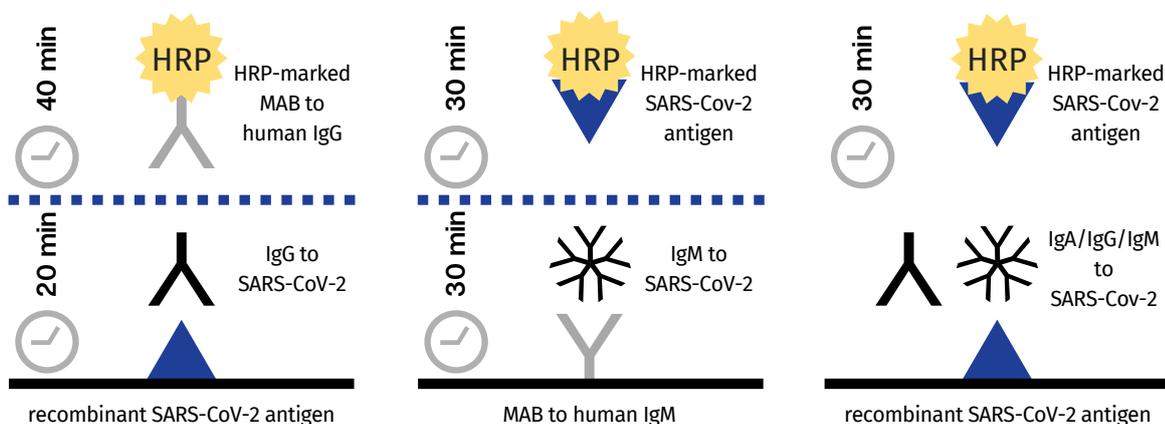
RADIM SARS-CoV-2

ELISA DIAGNOSTIC KITS



	SARS-CoV-2-IgG	SARS-CoV-2-IgM	SARS-CoV-2-antibodies
REF	K1SG	K1SM	K1SAMG
Test number	96	96	96
Analyte	IgG antibodies to SARS-CoV-2	IgM antibodies to SARS-CoV-2	Total antibodies to SARS-CoV-2
Determination	qualitative + semi-quantitative	qualitative	qualitative
Technique	two-step indirect ELISA	two-step capture ELISA	one-step sandwich ELISA

ANALYSIS SCHEME:



Microwell Plate	1 x 96 microwell	1 x 96 microwell	1 x 96 microwell
Negative Control	1 x 1,5 mL	1 x 1,5 mL	1 x 0,8 mL
Positive Control	1 x 1,0 mL	1 x 1,0 mL	1 x 0,8 mL
Analytic Buffer	1 x 14,0 mL	1 x 13,0 mL	no
Conjugate	1 x 14,0 mL	1 x 14,0 mL	1 x 14,0 mL
Wash Buffer	1 x 50,0 mL	1 x 50,0 mL	1 x 50,0 mL
TMB Solution	1 x 14,0 mL	1 x 14,0 mL	1 x 14,0 mL
Stop Reagent	1 x 50,0 mL	2 x 50,0 mL	1 x 50,0 mL

NO DILUTION, NO CROSSING - FAST, PRECISE, EASY IN PERFORMING!

Please contact us for more information