



ELISA Solution for Diagnosis of **COVID-19**

Enzyme-linked immunosorbent assays (ELISA) to detect antibodies against SARS-CoV-2, producing COVID-19, in human serum or plasma.

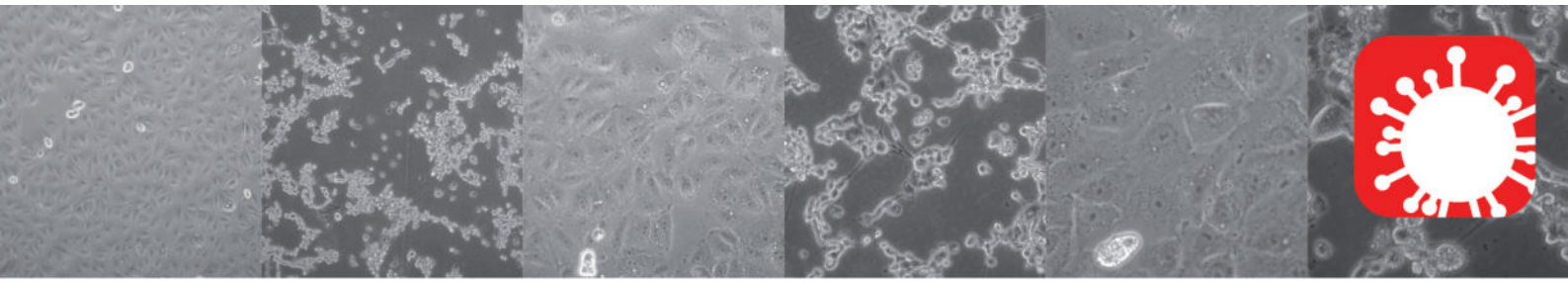
COVID-19 ELISA IgM+IgA COVID-19 ELISA IgG



PRODUCT FEATURES

- Suitable for all automated ELISA systems.
- SARS-CoV-2 recombinant antigens.
- Excellent sensitivity with proven PCR positive samples.
- Complete solution IgG and IgM+IgA kits available.
- Common protocol allows to perform IgG and IgM+IgA simultaneously in the same run.
- Ready-to-use reagents.





VERO 24H 10X COVID 48H 10X VERO 24H 20X COVID 48H 20X VERO 24H 40X COVID 48H 40X
 SARS-CoV-2. Vircell culture collection

COVID-19 serology allows confirmation of infection in both symptomatic and asymptomatic patients. ELISA is a simple and easy to automate technique that allows high throughput tests at low cost.

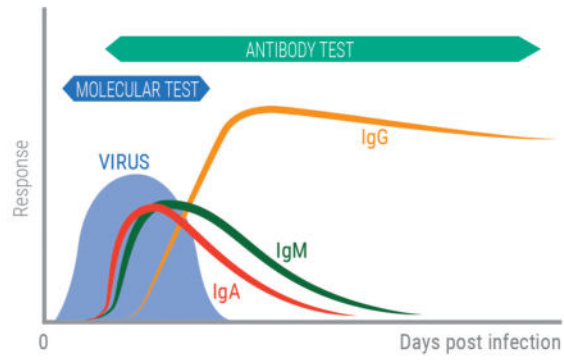
IgM+IgA detection complements molecular tests when the viral load decreases or when false negatives are suspected due to unsuitable samples in patients with clear symptoms.

The combination of IgM+IgA significantly improves sensitivity since COVID-19 affects the mucous membrane. The early production of IgA antibodies in this kind of infections could be particularly high.

IgG detection allows monitoring and confirming recovery and possible immunity, when other molecular and serological markers become negative.

Excellent sensitivity with proven PCR positive samples:
87% were IgM+IgA positive and 83% were IgG positive after a period of 5 days with a positive PCR result

Days after PCR positive result	Number of Samples	% IgM+IgA Positive	% IgG Positive
< 1 d	84	35%	12%
1 d	142	54%	14%
2 d	67	48%	48%
3 d	45	63%	47%
4 d	39	87%	74%
5 d	23	87%	83%



PME100-04/20

Ordering information and related products

Reference	Description	Kit contents
G1032	COVID-19 ELISA IgG	96 tests
MA1032	COVID-19 ELISA IgM+IgA	96 tests
VCM097	COVID-19 VIRCLIA IgG MONOTEST	24 tests
VCM098	COVID-19 VIRCLIA IgM+IgA MONOTEST	24 tests
RTPCR001	SARS-COV-2 REALTIME PCR KIT	48 tests
MBC137-R	AMPLIRUN® CORONAVIRUS SARS-CoV-2 RNA CONTROL	12,500-20,000 copies/μl

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