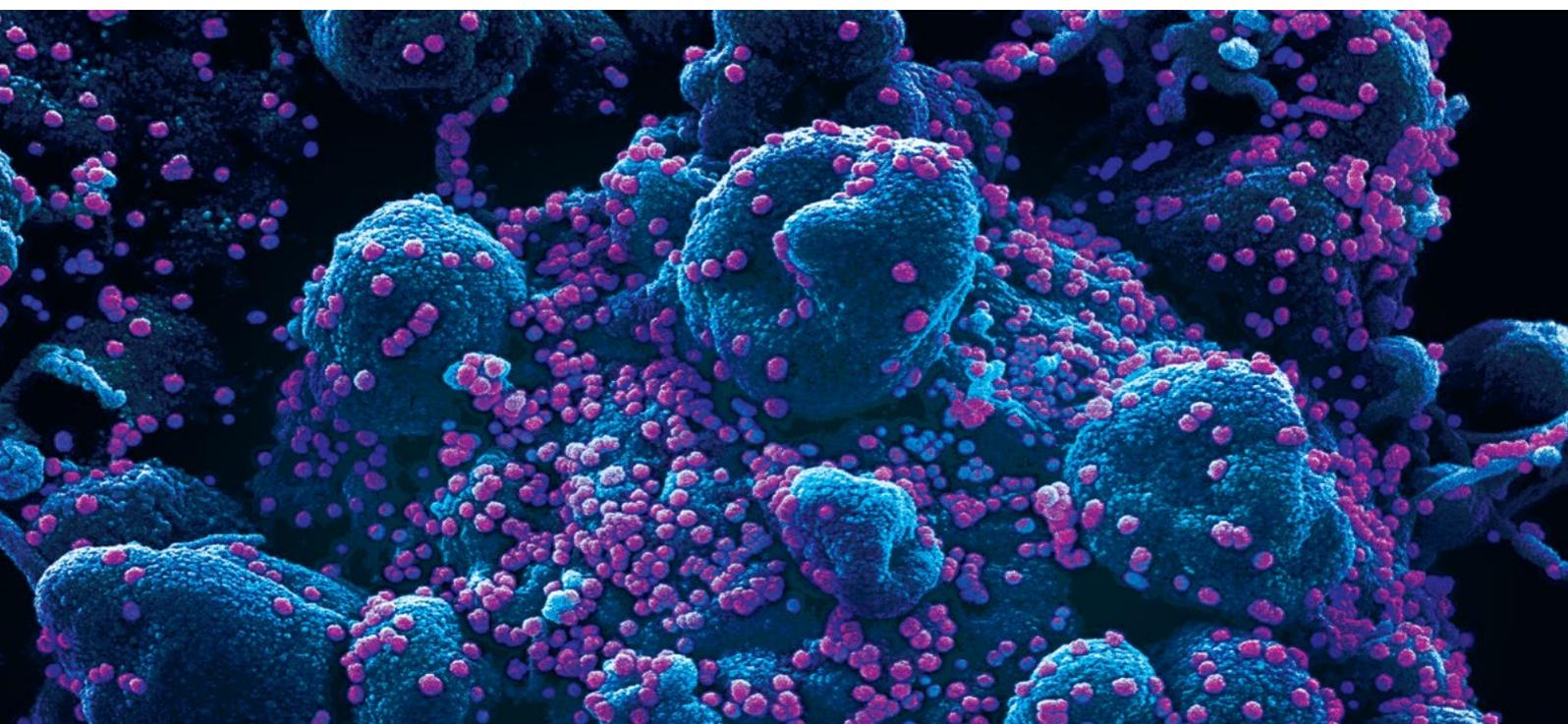


# MONO-VIDITEST SARS-CoV-2



Apoptotic cells infected by SARS-CoV-2 virus particles, isolated from a patient sample

## VIDIA unique immunoenzymatic kits

- intended for the diagnostics of IgA, IgG and IgM antibody response after an undergone infection by SARS-CoV-2 and for monitoring of post-vaccination protective antibodies.

... the way to  
the correct  
results



**IgA**  
**ANTIBODY**  
**RESPONSE**

a proof of ongoing  
infection



**IgM**  
**ANTIBODY**  
**RESPONSE**

a proof of active ongoing  
infection



**IgG**  
**ANTIBODY**  
**RESPONSE**

a proof of undergone or  
current infection

### Serological diagnostics

of the coronavirus disease, COVID-19, is essential for the identification of infected individuals, reducing the spreading of the virus and enabling treatment to infected persons. **Serological assays play a key role in the fight against the pandemic by defining the individual with antibodies against the SARS-CoV-2 virus and developed adaptive immune response.**

### Benefits of the kits

- Cassette single-use mono-format
- Quantitative and semiquantitative evaluation of antibodies
- Quantification in international units according to WHO standard 20/136 with interpretation in BAU/ml



### MONO-VIDITEST

**Kits come from our own research, development and production.**

We are VIDIA spol s r. o. Czech biotechnological company with a wide range of kits for diagnostic examination. We develop our products with high quality.

# MONO-VIDITEST SARS-CoV-2

**MONO-VIDITEST kits present an innovative solution of ELISA-VIDITEST assays in cassette format system. They are a unique tool in diagnostics, enabling examination of the patient as individual sample.** This benefit leads to a faster result and savings in material and personal costs of the medical facility. Clinical analyses are processed completely automatically in our VIDIMAT analyser. Therefore, this is a simple and complex solution of the automatization in infectious serology.

**MONO-VIDITEST anti-SARS-CoV-2 kits have a guaranteed stability and high sensitivity.** They include Nucleocapsid protein (NP), Spike protein (S1) and receptor binding domain (RBD) of the Spike protein in the S1 region as primary antigens. The new kits **MONO-VIDITEST anti-SARS-CoV-2 (RBD) IgG quanti** are intended for the determination of the post-vaccination antibody response. Only IgG antibodies targeted specifically on RBD have the ability to neutralize and to prevent binding of SARS-CoV-2 onto the cells. That is the goal of current mRNA vaccines.

## DETECTION IgA, IgG, IgM ANTIBODIES IN SERUM



- Quantitative and semiquantitative detection of IgA, IgG and IgM antibodies
- Antigens Spike protein (S1), Nucleocapsid protein (NP)
- Evaluation of the immune response during and after infection
- Monitoring of reinfection risk
- Determination of antibodies in immunocompromised persons

## DETECTION OF POST-VACCINAL IgG ANTIBODIES



- Quantitative and semiquantitative detection of neutralizing IgG antibodies
- Antigen RBD Spike protein (S1)
- Monitoring of vaccination success rate
- Selection of plasma donors with neutralizing antibodies for immunotherapy
- Determination of protective and neutralizing antibodies in high-risk groups in population

## Benefits of measurement

- Reagents in r.t.u. are part of the cassette
- High sensitivity and specificity of the test
- Serum/plasma sample from venous or capillary blood
- Unified incubation times, temperatures, reagents for all ELISA-VIDITEST and MONO-VIDITEST
- Incubation 30' at 37°C/30' at 37°C/15' at room temperature
- Manual or automatic processing of the test in our VIDIMAT analyser 



## VIDIMAT

We provide an exact and automatic analyser for easy solutions of the automatization of infection serology in cassette and microtiter plate format.

## Our kits



REF	Products
KZ-520-12	MONO-VIDITEST anti-SARS-CoV-2 (NP) IgG
KZ-521-12	MONO-VIDITEST anti-SARS-CoV-2 (NP) IgM
KZ-522-12	MONO-VIDITEST anti-SARS-CoV-2 (NP) IgA
KZ-530-12	MONO-VIDITEST anti-SARS-CoV-2 (S1) IgG
KZ-531-12	MONO-VIDITEST anti-SARS-CoV-2 (S1) IgM
KZ-532-12	MONO-VIDITEST anti-SARS-CoV-2 (S1) IgA
KZ-533-12	MONO-VIDITEST anti-SARS-CoV-2 (S1) IgG quanti
KZ-540-12	MONO-VIDITEST anti-SARS-CoV-2 (RBD) IgG quanti

