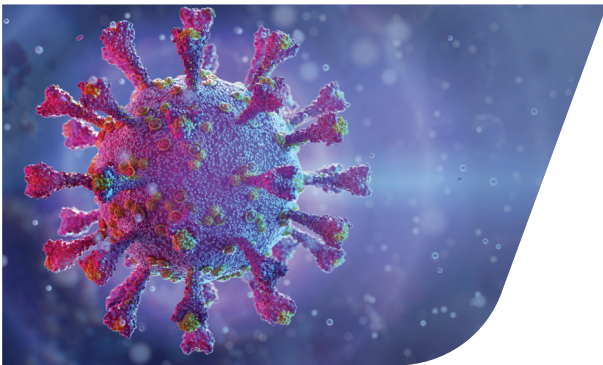


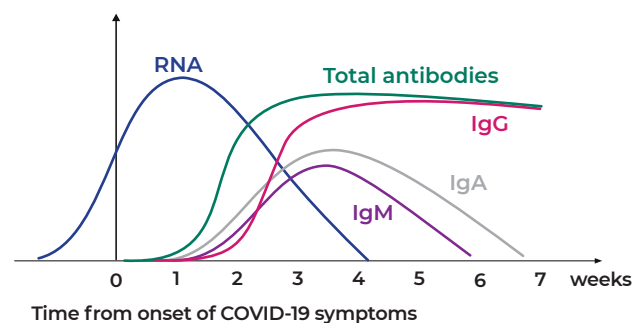
# Reagent kits for SARS-CoV-2 antibodies detection

## Serology testing for COVID-19



- The detection of current or past SARS-CoV-2 infection
- Screening of high-risk groups (medical staff, public sector workers)
- Contact tracing for COVID-19
- Epidemiological surveys
- Vaccine efficacy assessment

Antibodies to SARS-CoV-2 develop at the earliest 5-7 days from the onset of symptoms (or 10-14 days after exposure to the virus). The peak is reached at the end of the second week. However, the dynamics of the immune response can be individual. Moreover time of antibodies development can vary. Kits for the detection of total antibodies necessitate further investigation separate classes of antibodies.



## Postvaccinal immunity



The «SARS-CoV-2-IgG quantitative-ELISA-BEST» reagent kit is intended for the quantitative determination of IgG to all antigenic determinants of the Spike-protein, including the receptor binding domain (RBD). The calibrators included in the kit are certified according to the First International Standard of the WHO.

The kit can be used to evaluate effectiveness of different types of vaccines: viral vector, inactivated, mRNA.

## KITS FOR THE DETECTION OF ANTIBODIES TO SARS-CoV-2

### SARS-CoV-2-IgG-EIA-BEST

D-5501

CE

Enzyme immunoassay kit for the detection of IgG to SARS-CoV-2

### SARS-CoV-2-IgM-EIA-BEST

D-5502

CE

Enzyme immunoassay kit for the detection of IgM to SARS-CoV-2

### SARS-CoV-2-IgA-EIA-BEST

D-5503

Enzyme immunoassay kit for the detection of IgA to SARS-CoV-2

### SARS-CoV-2-AB-EIA-BEST

D-5504

Enzyme immunoassay kit for the detection of total antibodies against SARS-CoV-2

IgA, IgM, IgG

### SARS-CoV-2-IgG quantitative-EIA-BEST

D-5505

Enzyme immunoassay kit for the quantification of IgG

4 calibration samples validated against First WHO International Standard for anti-SARS-CoV-2 immunoglobulin (human), NIBSC code: 20/136

#### Linear range

- Measurement at 450 nm  
10-125 BAU/мл
- Measurement at 405 nm  
10-500 BAU/мл



Samples are serum and plasma



Storage temperature is 2-8 °C



Kits contain reagents for 96 tests including control samples. Split usage is possible



Total reaction time is 85 min



Ready-to-use components



Transportation at the temperature up to 26° C for 10 days is acceptable



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