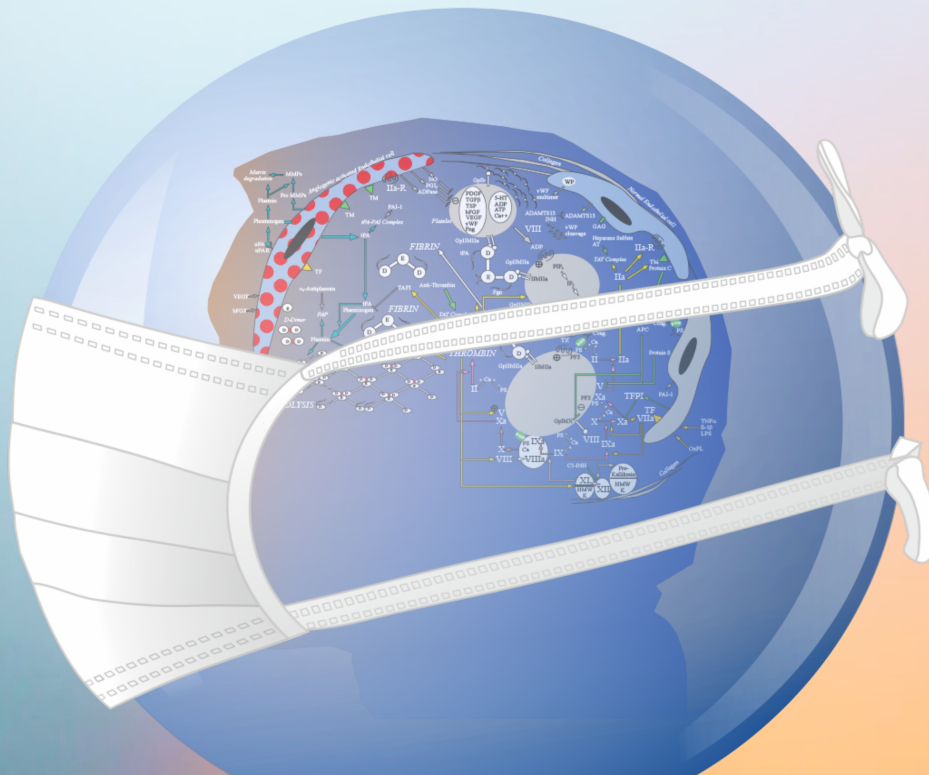


NEW !



technoclone

## SARS-CoV-2 IgG Antibody

SARS-CoV-2 RBD IgG & NP IgG Antibody ELISA



Your quantitative solution SARS-CoV-2 Antibody testing !

*Challenging times in haemostasis !*

# TECHNOZYM ANTI SARS-COV-2 ELISA KITS

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), is the virus that causes corona virus disease 2019 (COVID-19). The SARS-CoV-2 is a single stranded RNA coronavirus and causes respiratory infections. Coronaviruses are composed of spike protein, hemagglutinin-esterase dimer, a membrane glycoprotein, an envelope protein a nucleocapsid and RNA. Results suggest that the spike protein retains sufficient affinity to the Angiotensin converting enzyme 2 (ACE2) receptor to use it as a mechanism of cell entry human transmission of coronaviruses is primarily thought to occur among close contacts via respiratory droplets generated by sneezing or coughing.

IgG is the most abundantly found immunoglobulin to be produced in response to an antigen and will be maintained in the body after initial exposure for long term response.

Since the formation of antibodies takes time after a viral infection, the development of two different platform independent ELISA tests has proven to be advantageous in order to achieve the desired precision and accuracy of the test results.

**TECHNOZYM anti SARS-CoV-2 NP IgG test kit** shows more sensitivity in **the early stage** of the immune response.

**TECHNOZYM anti SARS-CoV-2 RBD IgG test kit** only responds in the main and late phase due to the antibodies to the receptor binding domain (RBD) **correlating with the patients' immunity**.

## Specifications

- Quantitative Assays
- Including calibrator and control material
- Cut-off: 5 U/mL
- Negative Agreement
  - SARS-CoV-2 RBD: 99.3 %
  - SARS-CoV-2 NP : 99.8 %

### SARS-CoV-2 RBD

Days Post Symptom Onset	Positive Agreement
<5	5.9 %
5-10	34.3 %
11-15	64.7 %
>15	100 %

### SARS-CoV-2 NP

Days Post Symptom Onset	Positive Agreement
<5	14.7 %
5-10	45.7 %
11-15	76.5 %
>15	100 %

Product	Description	REF	Package
<b>TECHNOZYM anti SARS-CoV-2 RBD IgG</b>	Chromogenic anti SARS-CoV-2 RBD IgG ELISA Test kit for the determination of RBD antibodies in serum or Lithium-Heparin plasma or EDTA plasma. Including all required calibrator and control material.	5600100	96 tests
<b>TECHNOZYM anti SARS-CoV-2 NP IgG</b>	Chromogenic anti SARS-CoV-2 NP IgG ELISA Test kit for the determination of NP antibodies in serum or Lithium-Heparin plasma or EDTA plasma. Including all required calibrator and control material.	5600200	96 tests

