

# Superior alternative for Covid-19 Diagnosis by ELISA.

Anti-SARS-Cov-2 ELISA IgG | Anti-SARS-Cov-2 ELISA IgA.



CE IVD

## Indirect Enzyme Immunoassay for detection of specific antibodies against SARS-CoV-2 (Covid-19).



Exclusive Specific SARS-CoV-2 antigen (Mpro).



Highly sensitive and specific detection of covid-19 antibodies.



Reliable SARS-Cov-2 infection determination.



Aids in diagnosis & patient surveillance.



Designed for use with human serum and plasma samples.

  
we know how  
**immunostep**

Patented Assay. Manufactured by Immunostep under  license.

"Assay for detection of Cysteine-like Protease (Mpro) of SARS-CoV-2" | EP 203824958

# Why targeting the Mpro Protein?

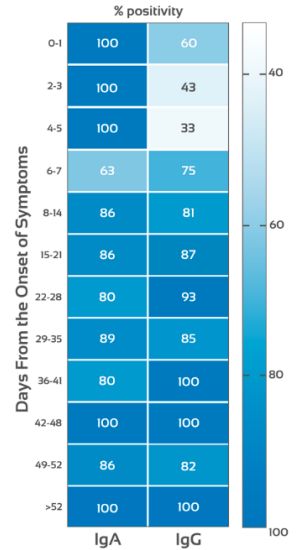
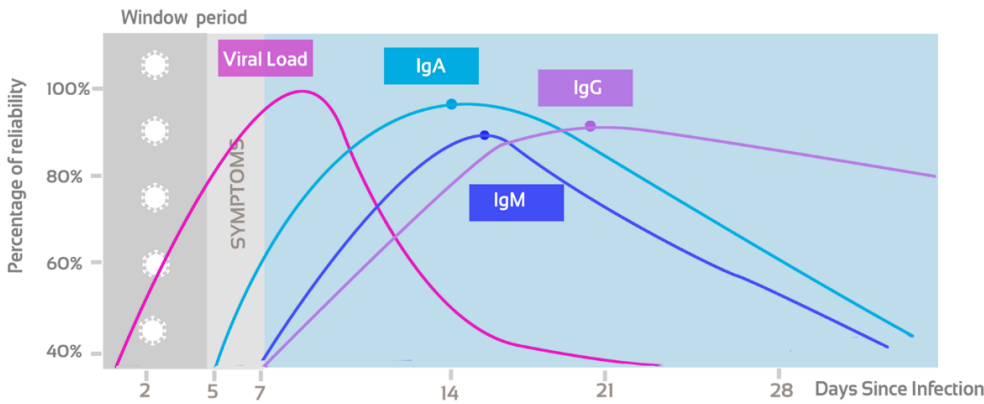
The vast majority of tests are based on same structural proteins (mainly spike and nucleocapside).

"Completely novel observation on serological response of Covid-19 patients"  
Martinez-Fleta P. et al., 2020.

This test is based on SARS-CoV-2 Cysteine-like Protease (Mpro)	
Non Structural Antigen	Highly Immunogenic
Released by infected cells	Crucial target in viral replication

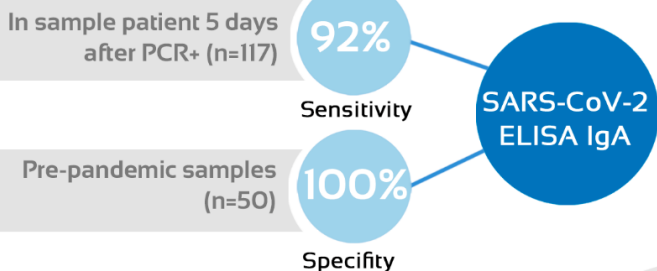
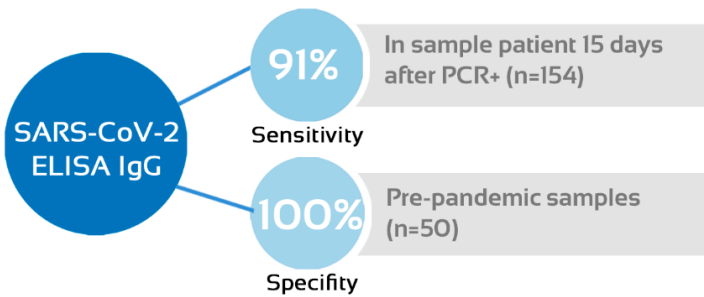
## Very early antibody detection from onset of Covid-19 symptoms

Median seroconversion time is 4 to 6 days for IgA and IgM, while is 5 to 10 days for IgG from the onset of symptoms. Data suggest that **IgA detection may improve the diagnostic results in the early stages of infection.**



## Improving covid-19 serology performance

Positive agreement to PCR:



These new ELISA tests **provide outstanding values of sensitivity and specificity** enabling confirm patients with recent or prior infection and open new immunological questions about the heterogeneity of humoral response against the viral proteins between patients and the potential use of Mpro such as a prognostic indicator.

### Ordering Info

Product Name	Sample	Reference
Anti-SARS-CoV 2 Elisa IgG	Plasma	IMS2905
Anti-SARS-CoV 2 Elisa IgA	Plasma	IMS2906



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