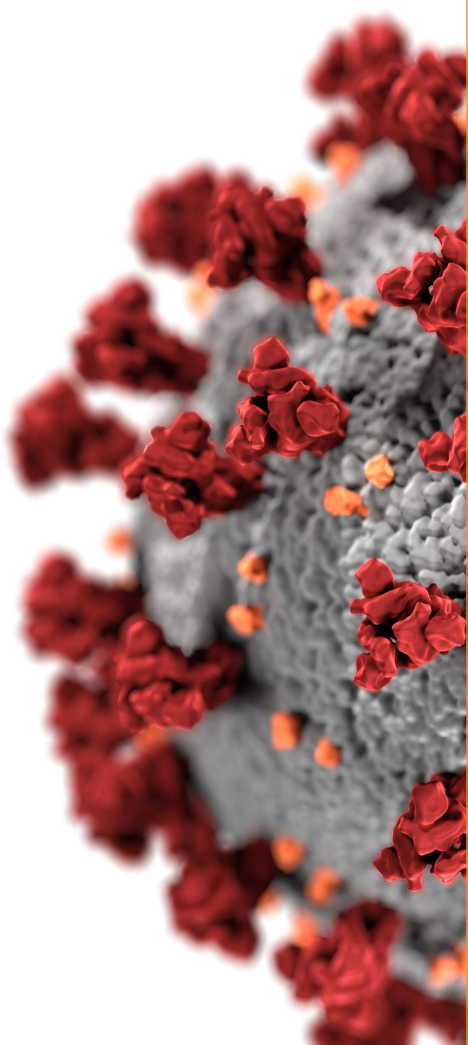


# CoViDiag+



**HD DIAGNOSTIC  
DEVICE FOR COVID-19  
SEROLOGICAL  
TESTING AND  
IMMUNE STATUS  
CHARACTERIZATION**



Understanding life.  
**innobiochips**

# ABOUT COVIDIAG

CoViDiag is an **High-Resolution COVID-19 serological diagnostic device**. Developed with the cutting-edge multiplex SirYus technology, it simultaneously detects and **identifies up to 8 antibodies** produced against the SARS-CoV-2 virus and 4 variants, **offering very precise and reliable results**, with exhaustive immune profiling.

Perfectly automatable on several mainstream devices, CoViDiag is a very competitive technology, that enables to test and characterize several hundreds samples a day.

## THE KEY POINTS



### UNPRECEDENTED PERFORMANCES :

The combination of Ag enables to get the whole immune profile of patients at a glimpse and a better understanding of biological diversity in order to enhance performances



### VACCINATION VS NATURAL IMMUNITY DISTINCTION :

In parallel anti-N and anti-S (anti-S1 and anti-S2) detection allow to track new contacts with virus and variant whatever the vaccination status of patient.



### VARIANT CROSS IMMUNITY MONITORING :

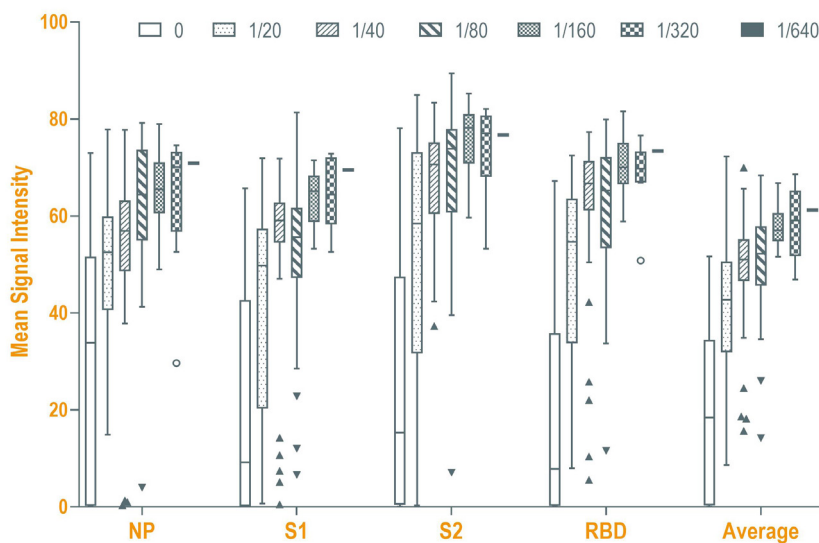
The measurement of antibodies' reactivity on different variant antigens brings a unique cross reactivity overview and helps to anticipate the need of vaccine re-boost.



# PERFORMANCES



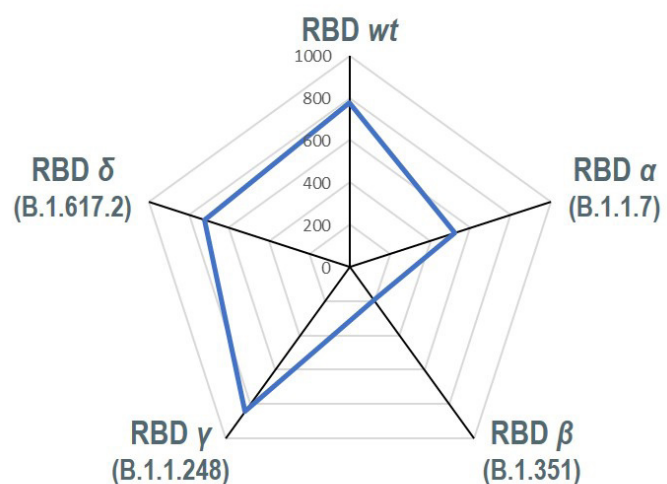
## AN ANTIBODY PATTERN MORE REPRESENTATIVE OF IMMUNE PROTECTION



Correlation of the different IgG titers based on the MSI considered individually, or altogether (average) with neutralizing antibody titers based on the serum dilution factor to neutralize 90 % of infected cells.

## AN EVALUATION OF CROSS IMMUNITY ON DIFFERENT VARIANTS

When comparing samples reactivity on 5 S1-RBD from SARS-CoV2 and variants, COVIDIAG+ provides the whole spectrum of cross immunity



# ABOUT INNOBIOCHIPS

We develop the SirYus technology, a disruptive way to design, manufacture and read multiplex immunoassays, paving the way for innovative diagnostics solutions for human health.

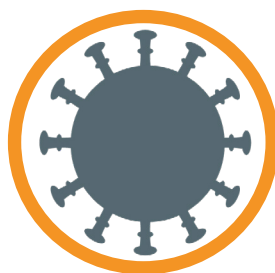
Fast, reliable, powerful: SirYus technology takes in vitro diagnostics to the next level and opens new possibilities.



TRANSPLANTATION



TRANSFUSION



INFECTIOUS  
DISEASES



MICROBIOME

## CONTACT US



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