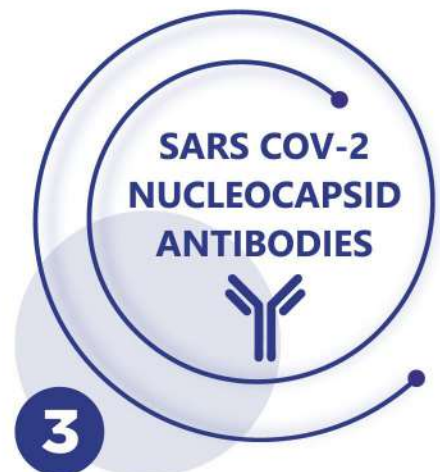


Introducing

COVIPROTECT-PLUS

3 TESTS TO ASSESS IMMUNITY AGAINST SARS COV-2



CLINICAL SIGNIFICANCE OF THE COMBINATION

Antibodies play an important role in helping prevent severe illness, hospitalization, and death in case of COVID-19. High titre of **Spike Antibody** having good neutralizing potential indicates good humoral immunity.

- **Test 1 & 2** help to provide overall **humoral immunity snapshot**.
 - **Test 3** helps to differentiate if the antibodies are produced by **vaccination (against spike protein)** or **infection**. Asymptomatic individuals showing these antibodies indicate that though they were infected at some time point, good immunity prevented serious illness.
- All three tests when done together can give significant information on **Overall Immune Status**.

An overall snapshot of immunity against SARS COV-2 using 3 the tests

SARS COV-2 Spike Protein Antibody Test:

It helps to quantify all the antibodies (including IgG) against receptor binding domain of spike protein(irrespective of their neutralization potential).

COVID-19 Neutralizing Antibody Test:

It helps to assess the neutralization capacity of the antibodies against SARS COV-2 using Blocking ELISA Technology which mimics the interaction between the virus and the host cell.

SARS COV-2 Nucleocapsid Antibody Test:

It helps to detect exposure to COVID-19 as early as 15 to 21 days. This antibody may not be present in individuals vaccinated with vaccine developed against Spike protein (Eg. Covishield).

Test	Method	Type	Positive Cut Off	Sensitivity	Specificity	Indication
COVID-19 Neutralizing Antibody	Blocking ELISA	Qualitative	30% IH%	96.99%	100%	Assesses Inhibitory Capacity of Neutralizing Antibodies against Spike Protein.
SARS COV-2 Spike Antibody	ECLIA	Quantitative	0.8 BAU/ml	98.8%	92.3% PPA to sVNT	Quantifies Titres of Antibodies produced against Spike proteins post vaccination & infection
SARS COV-2 Nucleocapsid Antibody	ECLIA	Qualitative	1.0 COI	NA	NA	Detects Viral Exposure

Test Name	Test Code	Sample Type	Schedule	Turnaround Time	MRP
Coviprotect-Plus	C5631	3 ml Serum (Preferably 15 days post 2 nd dose or Natural Infection)	Mon, Wed, Fri - 1:00 PM	Next day 5 pm	2400/-

Disclaimer:

1. The antibody test is not recommended for detecting acute infection or for the diagnosis of infections with SARS COV-2.
2. Currently there is no protective titer established against SARS COV-2 and hence the best practices for preventing infection must be continued irrespective of results.

To Book A Test
9445 246 332

BLOOD TESTS • DIAGNOSTICS • WELLNESS