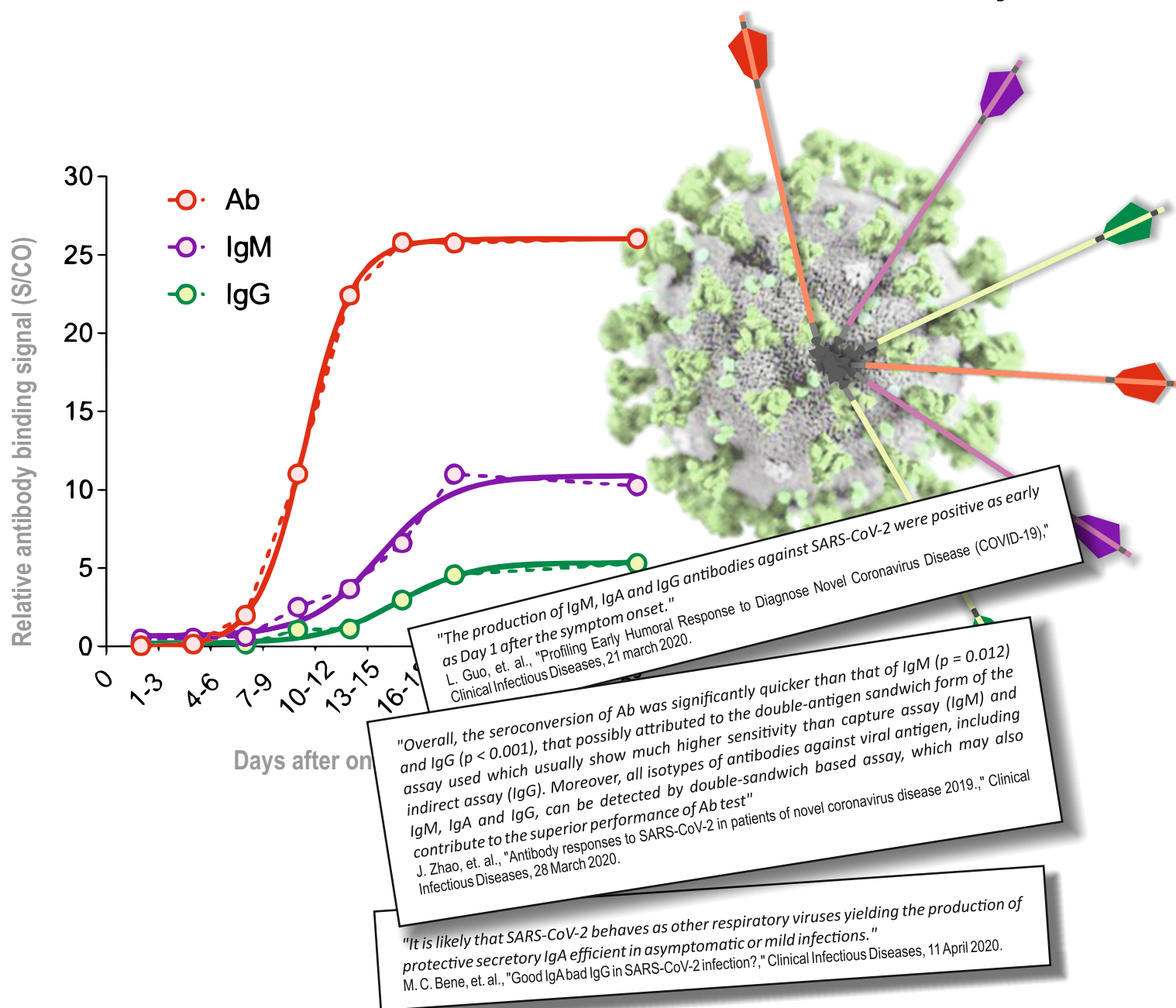




Early detection of COVID-19

with **Third Generation** Assay



CoviscreenTM

Double Antigen Assay for IgM + IgG + IgA Detection
Early Detection • High Sensitivity • High Specificity



CoviscreenTM

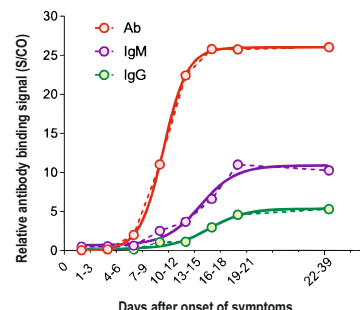
Rapid Double Antigen Screening test for the detection of IgM/IgG/IgA antibodies to COVID-19 in human serum/plasma/whole blood

Coronavirus, was initially named as the 2019- novel coronavirus (SARS CoV 2) on January 2020 by World Health Organization (WHO). WHO officially named the disease as coronavirus disease 2019 i.e. COVID-19. Transmission occurs primarily via respiratory droplets from coughs and sneezes within a range of about 1.8 metres (6 ft). Indirect contact via contaminated surfaces is another cause of infection.

In densely populated demography, social isolation of the people is the only way to break the infection chain of COVID-19 infection. So, mass level testing plays a critical role to identify infected and possible infected people and isolate them to break the transmission chain of this contagious disease to stop this pandemic.

During the COVID-19 infection, various studies have shown that IgM and IgG class of antibodies can be detected almost simultaneously in the early phase of infection. There seems to be a very strong evidence that the measurement of IgA levels in patients would be of great value in the diagnosis of the SARS-CoV-2 infection. Therefore detection of total antibodies (IgA+IgM+IgG) ensures sensitive detection of the infection that is important for epidemiological screening.

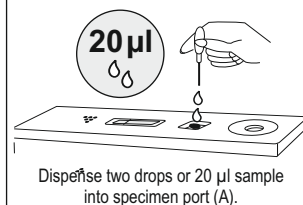
CoviscreenTM is rapid double antigen screening test for detection of Total antibodies (IgA+IgM+IgG) to COVID-19 in human serum/ plasma and whole blood.



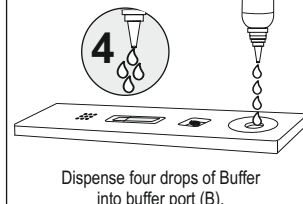
FEATURES	BENEFITS
Double Antigen Sandwich Assay.	Detection of total antibodies (IgA+IgM+IgG) ensures early detection.
Recombinant antigen used in both capture and tracer part.	Ensure specific detection and timely isolation of the infected person.
Finger-prick whole blood and/or serum/plasma or venous whole blood can be used.	Facilitates mass testing at the patient site, and also in laboratory setup.
Well optimized assay.	Standardised test, suitable for all types of demography.
Sensitivity : 100% Specificity: 99.07%	Reliable performance.

TEST PROCEDURE

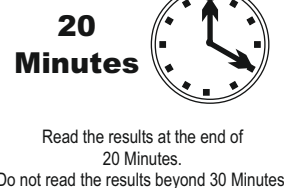
STEP 1



STEP 2



STEP 3



INTERPRETATION OF RESULT

Negative for specific antibodies to SARS-CoV-2 virus	Positive for specific antibodies to SARS-CoV-2 virus	Invalid Result Repeat the test	Invalid Result Repeat the test

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	502080100	100 Tests

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