



evercare

HOSPITAL DHAKA
Transforming Healthcare



Organization Accredited
by Joint Commission International

DISCHARGE SUMMARY

C	1503
Result	Negative

Interpretive guide:

COVID-19 (coronavirus disease 2019) is caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). It is an infectious disease first identified in 2019 in Wuhan, China. It has spread globally, resulting in the 2019-2021 coronavirus pandemic. Common symptoms include fever, cough, shortness of breath, muscle pain, sputum production, diarrhoea, sore throat, abdominal pain, and loss of smell or taste. Majority of cases result in mild symptoms while in a few cases it may progress to pneumonia and multi-organ failure. It spreads primarily via respiratory droplets. SARS-CoV-2 is likely to be at the highest concentrations in the nasopharynx during the first 3 to 5 days of symptomatic illness.

COVID-19 Ag Test is a rapid screening test for qualitative detection of SARS CoV 2 nucleocapsid antigen present in human nasal sample. Although the sensitivity of antigen test is lower than rT-PCR (~85%), in symptomatic patients when viral load in the specimen is high and the person is likely to be most contagious, the sensitivity of antigen tests is similar to that of rT-PCR. The specificity of antigen tests is generally as high as rT-PCR, which means that false positive result of Antigen test is highly unlikely. However, in case of inconsistency with clinical context, it may be necessary to confirm an antigen test result with a rT-PCR.

Clinical utility:

To diagnose SARS-CoV-2 infection in symptomatic patients.

Limitations:

A negative test result may occur if the level of extracted antigen in a specimen is below the sensitivity of the test or if a poor-quality specimen is obtained. Hence, a negative result does not always exclude a Covid-19 infection. If a reasonable suspicion of an infection exists, sample should be tested by rT-PCR.

A positive test result does not rule out co-infections with other pathogens.

Children tend to shed virus for longer periods of time than adults, which may result in differences in sensitivity between adults and children.

As with all diagnostic tests, all results must be considered with other clinical information available to the clinician.

Test Method:

Immunochromatography

Disclaimer: As per DGHS, Peoples Republic of Bangladesh, Covid symptomatic individuals who test negative for COVID-19 by rapid antigen test must be tested sequentially by RT-PCR to rule out infection.

Date - 23/12/2022

AEROBIC C/S BLOOD

B	519
Culture Result	No growth in 72 hours of aerobic incubation at 37 degree celsius.

AEROBIC C/S URINE

U	754
Result	No growth
Incubation period	1 day