6.3 Serological testing

Serological surveys are also considered to be

one of the most effective ones in facilitating

outbreak investigation and it also helps us to

derive a retrospective assessment of the

disease by estimating the attack rate.°7

According to the recent literature, paired serum

samples can also help clinicians to diagnose

COVID-19 in case of false negative results in

NAAT essays.” The literature also declared that

the commercial and non-commercial serological

tests are under consideration in order to

support the practising clinicians by assisting

them in diagnosis. Similarly, there are studies

published on COVID-19 which are comprised of

the serological data on clinical samples.\*® \*?

6.4 Viral sequencing

Apart from confirming the presence of virus in

the specimens, viral sequencing is also quite

useful in monitoring the viral genomic

mutations, which plays a very significant role in

influencing the performance of the medical

countermeasures inclusive of the diagnostic

test. Genomic sequencing of the virus can also

help further in developing several studies

related to molecular epidemiology.