Appendix

The location of the ORF8 protein and the flow of the study

ORF8 is located between the membrane and nucleocapsid genes of the SARS-CoV-2 virus.

1,028 “uninfected” volunteers

ORF8 ELISA testing

Infected group
ORF8 seropositive
2.5% positive

Uninfected group
ORF8 seronegative

Estimation using statistical models

Daily number of new SARS-CoV-2 infections

- Symptomatic infections reported by PCR test
- Asymptomatic infections reported by PCR test
- Symptomatic infections reported by RAT
- Asymptomatic infections reported by RAT
- Unreported asymptomatic infections

Number of infections

Incidence rate
(100,000 population)