



CovAbScreen™

SARS-CoV-2 Ab Test

CovAbScreen™ Oral Fluid Comprehensive Antibody Test for Assessment of Immune Response to COVID-19 Vaccination



CovAbScreen™
SARS-CoV-2 Ab Test

Clinical Study

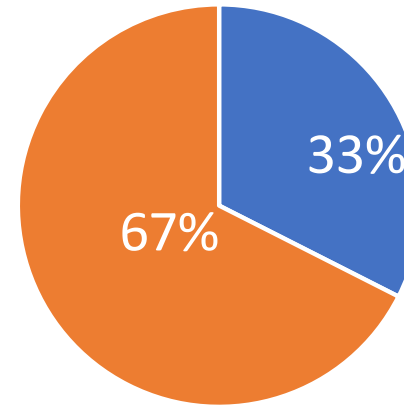
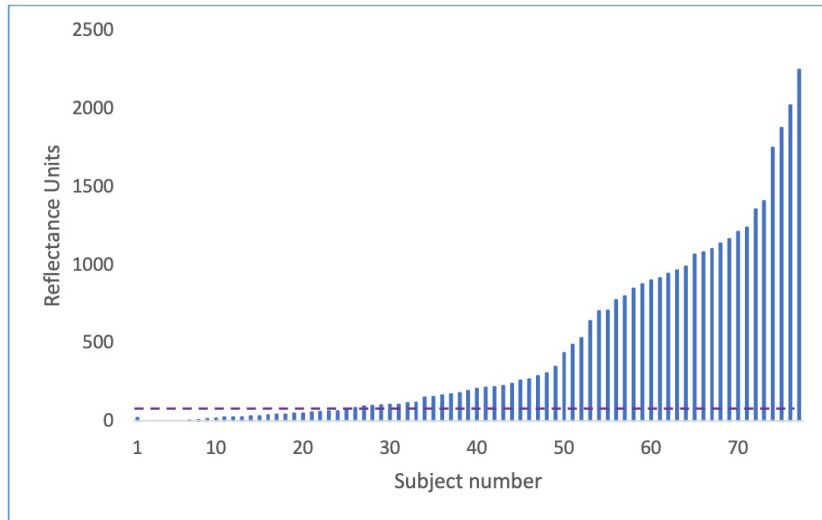
- A total of 160 subjects were screened with the CovAbScreen™ antibody test
- 77 subjects from a COVID-19-naïve cohort who tested negative with the CovAbScreen™ antibody test prior to vaccination were tested 28-29 days after the first dose of the (Covishield, AstraZeneca) vaccine.
- 57 subjects from the same COVID-19-naïve cohort were also tested 14 days after the second dose of the vaccine.
- 83 subjects from a COVID-19-exposed cohort were tested 18-20 days after the first dose of the vaccine.



CovAbScreen™
SARS-CoV-2 Ab Test

SARS-CoV-2 vaccine immune response 28-29 days after the first dose.

COVID-19-naïve cohort



■ Antibody-negative
■ Antibody-positive

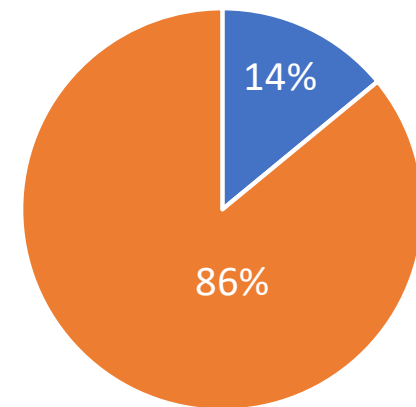
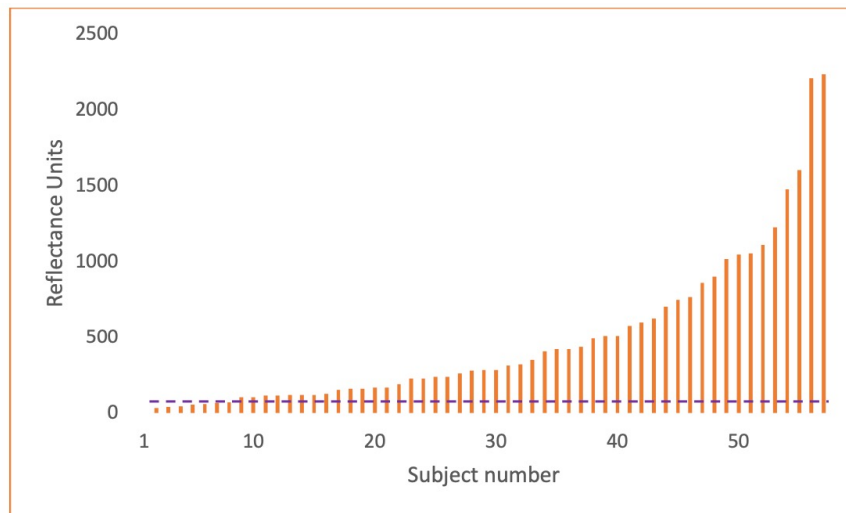
↑ Positive
- - -
↓ Negative



CovAbScreen™
SARS-CoV-2 Ab Test

SARS-CoV-2 vaccine immune response 14 days after second dose.

COVID-19-naïve cohort



Antibody-negative
Antibody-positive

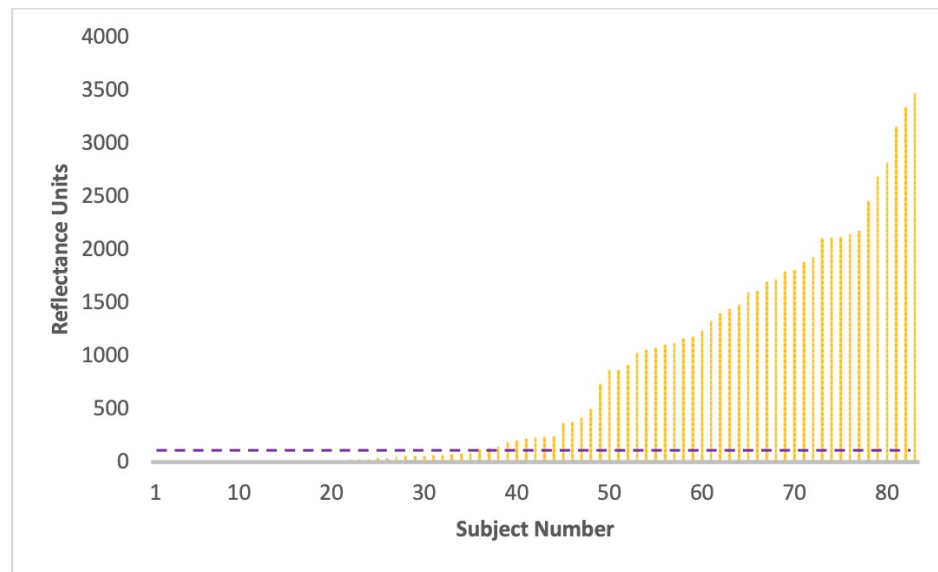
Positive
Negative



CovAbScreen™
SARS-CoV-2 Ab Test

SARS-CoV-2 vaccine immune response in COVID-19-exposed cohort 18-20 days after first dose

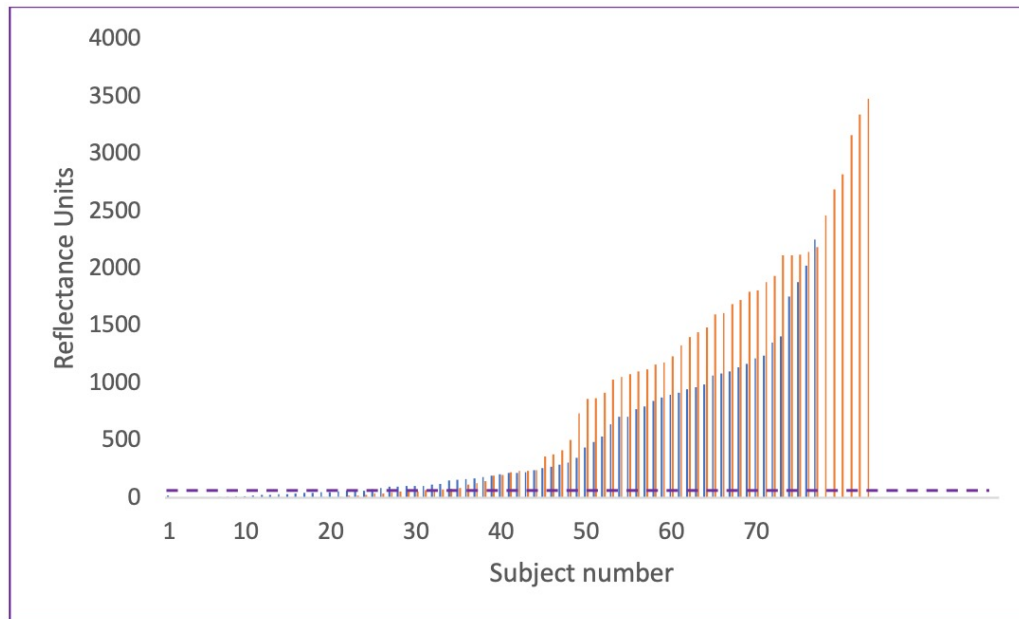
COVID-19-exposed cohort



↑ Positive
- - -
↓ Negative



Temporal response to vaccination is different in COVID-19-naïve and COVID-19-exposed cohorts



- COVID-19-naïve cohort
- COVID-19-exposed cohort



CovAbScreen™
SARS-CoV-2 Ab Test

Summary

- 33% of COVID-19-naïve subjects did not develop detectable antibodies by 28-29 days after first dose.
- 14% of COVID-19-naïve subjects did not develop detectable antibodies by 14 days after the second dose.
- COVID-19-naïve subjects exhibited lower antibody titers compared to COVID-19-exposed subjects.
- CovAbScreen™ Comprehensive Antibody Test provides post-vaccination confirmation of an adaptive antibody response.



CovAbScreen™

SARS-CoV-2 Ab Test

THANK YOU

info@covabscreen.com