

## STATISTICAL ANALYSIS PLAN

### *Statistical analysis*

A minimum sample size of 100 RT-PCR positive samples was based on the minimum sample size to detect a sensitivity of at least 90% with 80% power and 5% type 1 error. Nonetheless, we collected 195 RT-PCR positive samples which facilitated sub-group analysis such as SARS-CoV-2 variants. Due to the nature of the tests, there was no indeterminate lateral flow or RT-PCR test results (i.e., all tests were positive or negative). Samples were always paired, so there was no missing data on test results. Statistical significance at the 0.05 level was tested using the “N-1” Chi-squared test. Data with sample numbers <5 was tested using Fisher exact test. The sensitivity, specificity, accuracy, and confidence intervals were calculated by comparing the results of the Rapid SARS-CoV-2 Antigen Test Card with the results of the comparator RT-PCR (Cepheid® Xpert® Xpress® SARS-CoV-2).