

## Clinical Validation Result

Validated Product: COVID-19 antigen test (LFA) from SHENZHEN SEKBIO Co., LTD.  
 Benchmark product: COVID-19 RT-PCR

Experiment 1: (Oropharyngeal swab eluted with matched sample extraction solution)

| Number of samples | RT-PCR Results |               | SEKBIO COVID-19 antigen test result |             |
|-------------------|----------------|---------------|-------------------------------------|-------------|
|                   | CT values      | Result        | Result                              | Consistency |
| 57                | ≤30            | 57 positives  | 57 positives                        | 100%        |
| 82                | ≤33            | 82 positives  | 82 positives                        | 100%        |
| 91                | ≤34            | 91 positives  | 90 positives                        | 98.90%      |
| 149               | ≤36            | 149 positives | 136 positives                       | 91.28%      |
| 45                | ≥40            | 45 negatives  | 44 negatives                        | 97.78%      |

Experiment 2 : (Nasopharyngeal swab/Oropharyngeal swab kept in UTM)

| Number of samples | RT-PCR Results |              | SEKBIO COVID-19 antigen test result |             |
|-------------------|----------------|--------------|-------------------------------------|-------------|
|                   | CT values      | Result       | Result                              | Consistency |
| 52                | ≤25.1          | 52 positives | 52 positives                        | 100%        |
| 82                | ≤34.8          | 82 positives | 77 positives                        | 93.9%       |
| 45                | >40            | 45 negatives | 45 negatives                        | 100%        |