

# Specimen Volume Flex Study Report of COVID-19 Antigen Rapid Test

|                    | PRINT NAME | SIGNATURE | DATE       |
|--------------------|------------|-----------|------------|
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|               |                                  |   |   |   |   |   |   |   |   |
|---------------|----------------------------------|---|---|---|---|---|---|---|---|
|               | Antigen weak positive            | + | + | + | + | + | + | + | + |
|               |                                  | + | + | + | + | + | + | + | + |
| COV20060003-T | Negative                         | - | - | - | - | - | - | - | - |
|               |                                  | - | - | - | - | - | - | - | - |
|               |                                  | - | - | - | - | - | - | - | - |
|               | SARS-COV-2 Antigen weak positive | + | + | + | + | + | + | + | + |
|               |                                  | + | + | + | + | + | + | + | + |
|               |                                  | + | + | + | + | + | + | + | + |

**Note:** “-” means negative result, “+” means positive result

As can be seen from the table above, the negative and weak positive results of the four different sample sizes were consistent, however, 5 drops of samples are prone to cause liquid to flow on the NC membrane surface, leading to flooding risk. All in all, 3 drops are better.

## 6. Conclusion

This study demonstrated the ability of the assay to give correct results with 2-5 drops specimen volume. To reduce or eliminate the risks from incorrect specimen volume, the specimen volume was determined to be 3 drops.