Sugentech

# SGTi-flex COVID-19 Ag

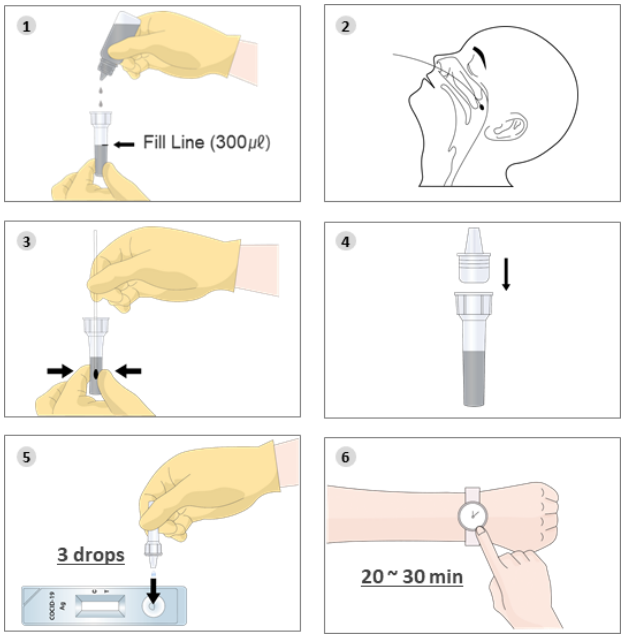

**Healthcare professional use only**

## WHY COVID-19 Rapid Ag test ?

Around the world, the COVID-19 pandemic is accelerating; with only limited countries managing to flatten the curve, the number of cases in many other parts of the world has continued to reach new highs. Molecular test (RT-PCR), the standard diagnosis for COVID-19, has many limitations of quite time-consuming, specific equipment and training requirement, and the resulting increase of total cost and burden of diagnosis.

The major advantage of using antigen is to reduce the burden of relying on just RT-PCR to identify current infection of SARS-CoV-2. Antigen testing is useful because even if it's less sensitive, it is so rapid, convenient and efficient, and the results that are positive will be positive.

**SGTi-flex COVID-19 Ag** is a One step, Rapid Immunochromatographic Assay for the qualitative detection of specific antigens to SARS-CoV-2 present in human nasopharynx.




- **One Step, Fast results within 20 min**
- **Comprehensive Package!**
  - No need for additional tool/device
- **Specimen : Nasopharyngeal swab**

- **Package : 25 tests**

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|---|---|
| Accuracy (Overall agreement) | 95.63% ((76+99)/182, 95% CI : 91.61%~97.77%) |
| Sensitivity (Positive percent agreement) | 91.57% (76/83, 95% CI : 91.61~97.77%) |
| Specificity (Negative percent agreement) | 99% (99/100, 95% CI : 94.55~99.82%) |
| LOD (Limit of detection) | $5.3 \times 10^2$ $TCID_{50}$/mL [SARS-CoV2 virus (ATCC, VR-1986HK 2019nCoV /USAWA1/2020)] |

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