

#### COVID-19 Detection

The symptoms for the virus are similar to that of other viruses such as cold flu, so population screening paired with conclusive detection testing is one of the most effective methods to control the spread of infection, enabling earlier quarantine and treatment.

It will also be critical in the future to help get people back to work safely so that the global economy can be restared.

#### Advanced Features

- Specimen Type: Nasopharyngeal & Oropharyngeal Swab & Sputum
- Sensitivity 94.7% / Specificity 99.9% / Accuracy 98.2%
- Easy to operate: minimal training and no need special equipment
- 15 minutes to read the results

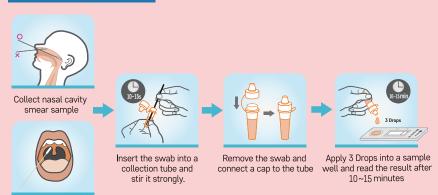
## Comparative Performance Evaluation(LoD)



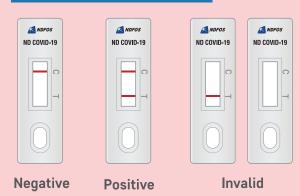
Positive Control SARS-CoV-2 Recombinant Antigen(4ng/mL)



Collect oropharyngeal swab sample



## • Results Interpretation





## Purpose of Use

ND COVID-19 Easy Kit is a rapid chromatographic immunoassay for the qualitative detection of specific antigens to SARS-CoV-2 present in human nasopharynx, throat and sputum.

This test is for administration by healthcare workers and labs as an aid to early diagnosis of SARS-CoV-2 infection in patient with clinical symptoms with SARS-CoV-2 infection. It provides only an initial screening test result. More specific alternative diagnosis methods should be performed in order to obtain the confirmation of SARS-CoV-2 infection.

## Advanced Features

- Point of care testing
- Specimen Type: Sputum & Saliva
- Less invasive and less painful & Self specimen collection available
- Test Time : 15 mins
- Yield: > 90%

## • Test Procediure



Remove the film



Collect the liquid sputum directly into the funnel fixed to the extraction buffer



Connect the filter cap onto the tube and use finger to squeeze the tube repeatedly for 5~10 times.



Apply 3 Drops into a samplewell and read the result after 15 minutes

# Results Interpretation







Negative

**Positive** 

Invalid

#### ISO 13485: 2016



체외 제허 20-892호



체외 제허 20-892호



Research Use Only



www.ndfos.com

mail: whtndus1231@ndfos.com