



**A rapid test for the qualitative detection of COVID-19 antigen in swab or aspirate specimens.**

- **Simple**

*Using nasopharyngeal swab or aspirate samples  
Only few steps*

- **Rapid detection of COVID 19 antigens**

*Results in 10 minutes*

- **Convenient and easy to use**

*Performed directly alongside the patient or in the laboratory  
The kit can be stored at 2-30°C*




# BIOSYNEX COVID-19 Ag BSS

- COVID-19 is a disease caused by a novel coronavirus (CoV) SARS-CoV-2 also known as 2019-nCoV.
- The most common symptoms of COVID-19 are fever, tiredness, and dry cough. Some people become infected but don't develop any symptoms and don't feel unwell.
- In order to facilitate patient management and to identify infected individuals, especially those at risk of complications, it is essential to be able to rapidly detect the presence of CoV-2-SARS.
- The **BIOSYNEX COVID-19 Ag BSS** is a rapid chromatographic immunoassay for the **qualitative detection of COVID-19 antigen, in only 10 minutes**, using a nasopharyngeal swab or nasal aspirate sample.

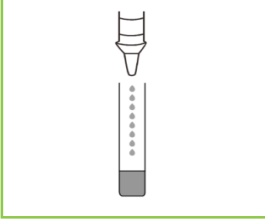
## PROCEDURE – for nasopharyngeal swabs

**1**



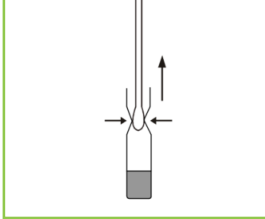
Insert the swab **horizontally 3 cm** inside the nasal cavity.

**2**



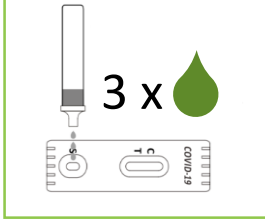
Empty a **single-dose** of extraction reagent into an extraction tube

**3**



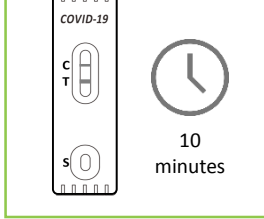
Discharge the swab into the extraction tube by **rotating** the swab for approximately **10 seconds**

**4**



Screw on the cap of the extraction tube and place **3 drops** of the solution in well S.

**5**

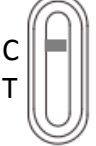


Read the result at **10 minutes**. Do not read after 20 minutes.


<http://youtu.be/DVJNWefmHJE> for more information on the nasopharyngeal swab collection

## RESULTS

**NEGATIVE**



**POSITIVE**



## PERFORMANCE\*

**Sensitivity:** 89.1%  
**Specificity:** 99,2%

\*Compared to PCR reference method. Refer to the instructions for use for more information.

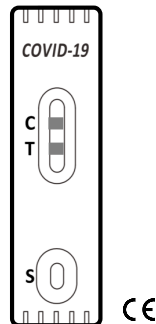
## MATERIALS INCLUDED

### BIOSYNEX COVID-19 Ag BSS

Ref. SW40006

Contains:

- Test cassettes
- Extraction reagents
- Extraction tubes
- Droppers
- Sterile Swabs
- Workstation
- Package insert



### BIBLIOGRAPHY

1. World Health Organization (WHO). WHO Statement Regarding Cluster of Pneumonia Cases in Wuhan, China. Beijing: WHO; 9 Jan 2020.
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4. Lu H, Stratton CW, Tang YW. Outbreak of pneumonia of unknown etiology in Wuhan China: the mystery and the miracle. *J Med Virol* 2020; published online Jan 16.
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6. Williams, KM, Jackson MA, Hamilton M. (2002) Rapid Diagnostic Testing for URIs in Children; Impact on Physician Decision Making and Cost. *Infec. Med.* 19(3): 109-111



Distributie in Nederland



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