

# THE NOWCHECK COVID-19 Ag

REAGENT KIT

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BIONOTE

Q.A  
Approved

BIONOTE

NowCheck  
COVID-19 Ag Test

CE IVD

NowCheck  
Rapid Test

1 Test

CE IVD

NowCheck  
Rapid Test

1 Test

CE IVD

NowCheck COVID-19 Ag Test  
NOZZLE CAP  
19011006  
Sep 03 2020  
Sep 02 2022  
CE IVD

AVIVIR

# MEDICAL DEVICE DESIGNATION

Designed for the qualitative detection of the SARS-CoV-2 antigen in nasopharyngeal swab.

The kit is only suitable for in vitro use.



# INDICATIONS

For the qualitative detection of the SARS-CoV-2 antigen in nasopharyngeal swab specimens from individuals with respiratory disease signs and symptoms who are suspected of COVID-19.

# CONTRAINDICATIONS

- Expired test.
- Damaged package.
- Inadequate product storage and transportation.
- There are no other contraindications unless the specimen cannot be taken for medical reasons.

# REAGENT KIT FEATURES

The NOWCHECK COVID-19 Ag Reagent Kit is designed for the qualitative detection of the SARS-CoV-2 antigen in nasopharyngeal swab.

Easy-to-use test strips.

Testing time 15–30 minutes.



# CLINICAL AND LABORATORY TESTING

98%

TEST SENSITIVITY

100%

DIAGNOSTIC SPECIFICITY



# PRINCIPLES OF THE TEST

The reagents kit for SARS-CoV2 antigen detection (NOWCHECK COVID-19 Ag) is designed for **rapid and high-quality** immunochromatographic assay.

## **T LINE**

Antibodies specific to the SARS-CoV-2 coronavirus antigen were preliminarily applied to the membrane strip of reagent **T Line**. If the test biological sample contains the SARS-CoV-2 coronavirus antigen, a visible black strip appears along the line at the result of testing.

## **C LINE**

**Control line C** is provided in the test system as a means of integrating the correct test procedure performing. If the test procedure is performed correctly, control line C should be colored under all circumstances, regardless of the test results.

# KIT CONTENTS



The product is a reagent kit containing:

Test cassette (together with a desiccant in individual foil package) — 25 pcs.

Test tube with biological sample extraction buffer — 25 pcs.

Dropper cap — 25 pcs.

Sterile swab for specimen collection – 25 pcs.

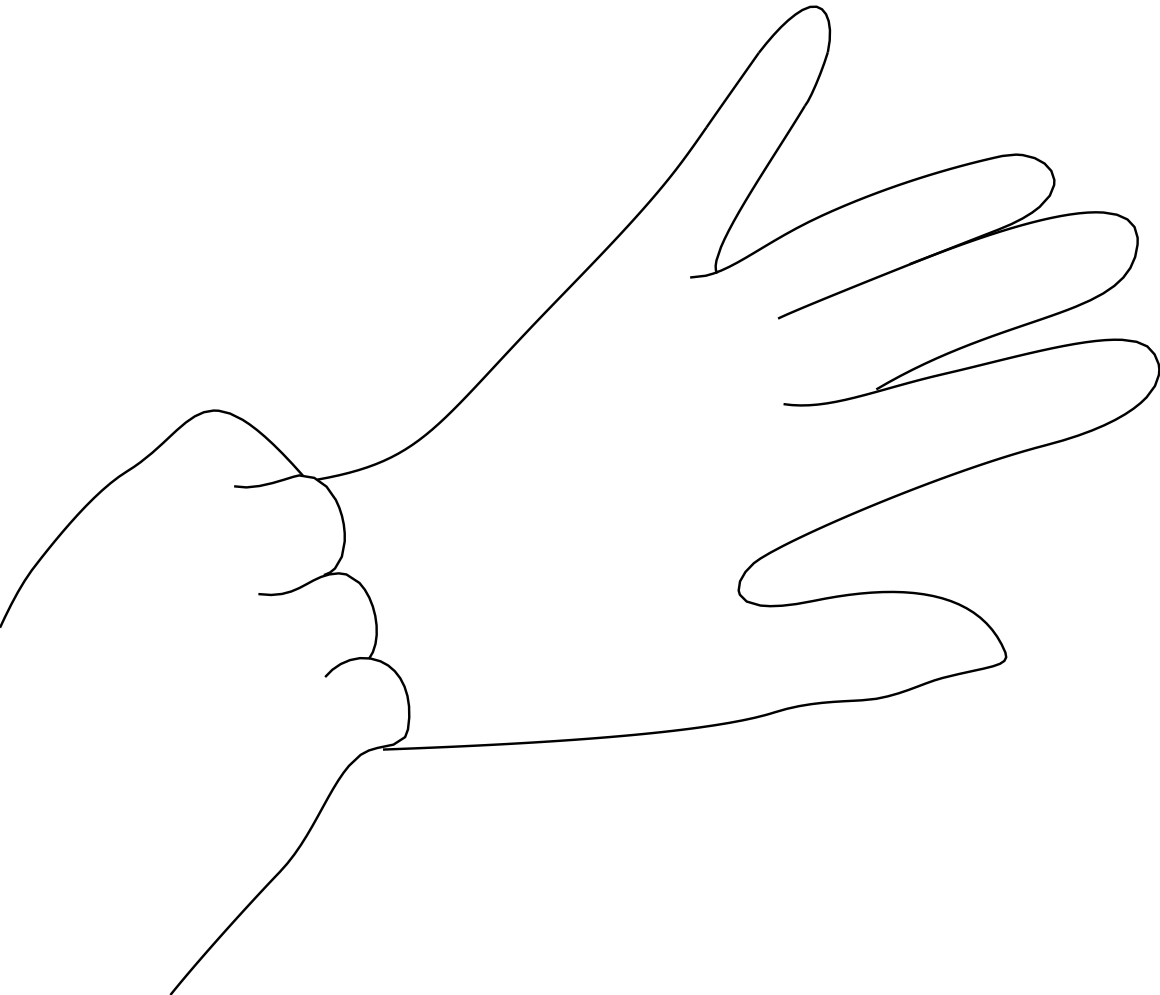
Cardboard stand — 1 pc.

Set of film labels — 1 pc.

Medical device instructions for use — 1 pc.

The following materials are not provided: protective gloves, timer or stopwatch, micropipettes.

# SAMPLE COLLECTION



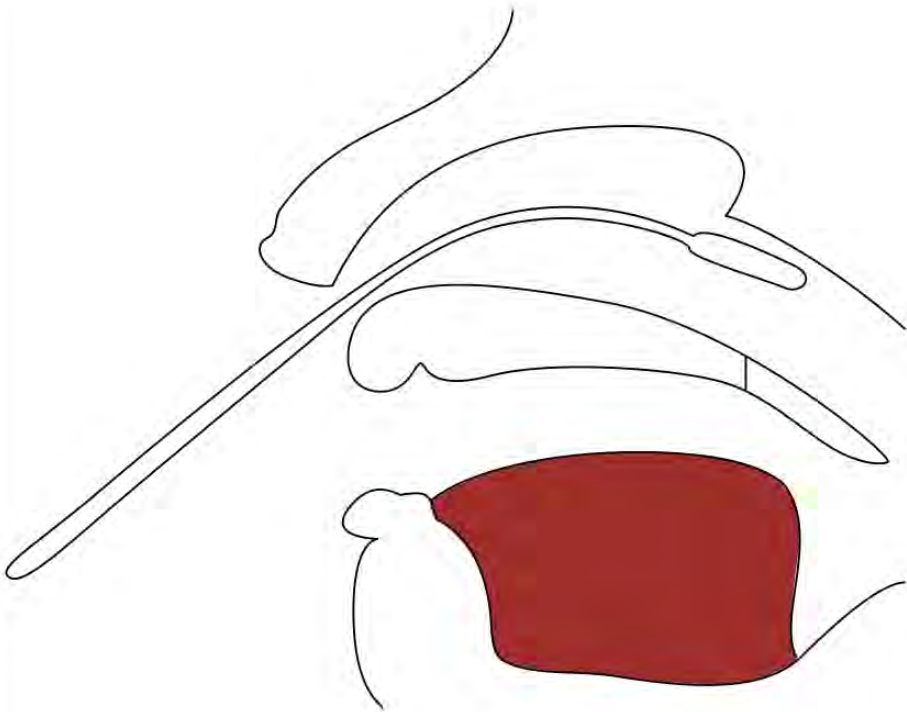
Biological samples should be taken by trained healthcare professionals. Biological samples should be handled with caution due to the risk of infection.

Handling of biological samples requires special care; any violation of prescribed procedures may adversely affect the specimen and lead to inaccurate test results.

In order to obtain more accurate test results, it is advisable to take a biological sample from several areas of the nasopharynx.



# NASOPHARYNGEAL SWAB COLLECTION



1. Gently insert a swab into the nasal cavity in order to collect a biological sample from the nasopharynx. Keep gently inserting the tampon until resistance is encountered in the nasal cavity.
2. Gently rotate the swab around its axis several times with your fingers and remove it from the nasal cavity.
3. Visually verify that the tip of the swab is wet.

# TEST PROCEDURE

## PREPARATION STAGE

Ensure that the biological sample and all kit components are at room temperature before performing the test.

Do not open an individual test cassette packaging until all preliminary manipulations are completed and test procedure is ready for immediate performance.

# TEST STAGES

Peel off aluminum foil seal from the top of the extraction vial containing the extraction buffer.

Place a swab with a smear from the nasopharynx area into the extraction vial with a buffer and press the swab tip against inner wall or bottom of the vial to release biological sample and transfer it to the buffer medium.

While continuing to press the swab tip against the wall or bottom, make 5–10 circular movements.

Press the tip of the swab against the inner wall to release the liquid, then remove the swab from the vial and dispose it in accordance with the hazardous biological waste disposal requirements.

Securely close the vial using the dropper cap from the kit.

Remove the test cassette from the individual package. Place the cassette on a dry, flat surface.

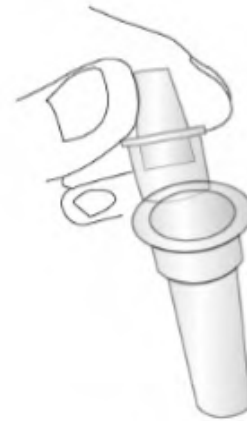
# TEST STAGES



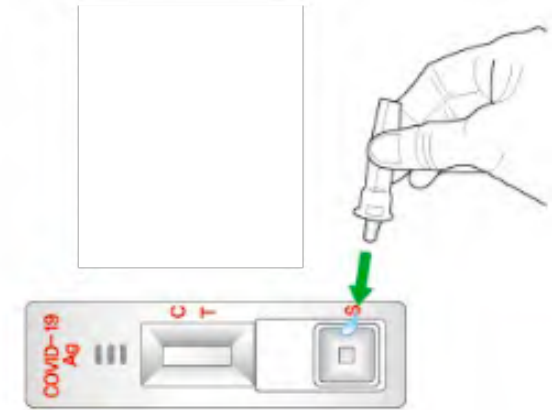
1. Insert the swab sample and rotate 5–10 times.



2. Remove the swab by gently squeezing its tip.

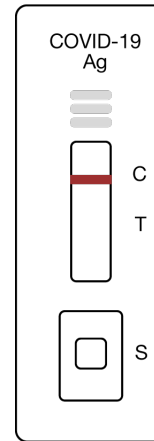


3. Close the assay diluent tube with a filter cap securely.

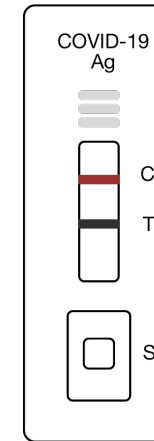


4. Invert the assay diluent tube and squeeze it gently to draw 3 drops into the well.

# INTERPRETATION OF RESULTS

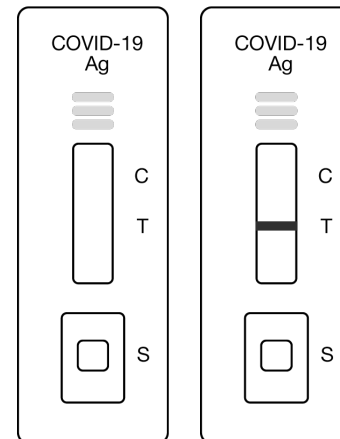


If line (C) turns red:  
the test result is considered  
negative for coronavirus  
antigen.



If line (C) turns red and line (T)  
turns black:  
the test result is considered  
positive for coronavirus antigen.

Note: strip width or color intensity are irrelevant.



If there is no red line (C) in the window:  
the test result is considered invalid.  
The reason could be a violation of the biological sample collection  
and/or analysis procedures or the failure of the test system used.

# LIMITATIONS

Test result can be negative if the content (titer) of the coronavirus in the biological sample is below the detection limit.

A negative test result does not rule out the presence of infection in cases of recent infection.





# OUR CLIENTS

