Reagent kit for immunochromatographic assay of SARS-CoV-2 antigen in nasopharyngeal swab (GeneFinder COVID-19 Ag Rapid Test) Lot No. SN-2012-01



# MEDICAL DEVICE DESIGNATION

Designed for the qualitative detection of SARS-CoV-2 antigen in human biological material (nasopharyngeal swab). The kit is used as a preliminary screening examination for diagnosing of a new coronavirus infection (COVID-19). When biological samples are tested using the kit, the results indicating that the sample is reactive should be confirmed by alternative methods of analysis. The kit is intended for laboratory *in vitro* diagnostics only.

GeneFinder <sup>™</sup> COVII	)-19 Ag Rapid Test
For professional use only For in vitro diagnostic use Do not tear this label	

### 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.

The reagents kit is designed for rapid and high-quality immunochromatographic assay.

The device is based on the principle of using a two-color system. The test system is based on a membrane with pre-coated antibodies specific to the coronavirus SARS-CoV-2 nucleocapsid protein. The membrane has two strips: a test strip (T) and a control strip (C). The structure of the T strip contains a biomaterial sample pad, pre-coated reagent pad and reaction pad. After transferring the sample to the cavity on the surface of the test cassette, the conjugated complexes dissolve in the incoming liquid medium and then migrate through the membrane along with the biological sample. The complex reaches the test line, where it is bound with mouse anti-SARS-CoV-2 monoclonal antibodies.

A colored test line appears and becomes visible in the result window if SARS-CoV-2 antigens are present in the biological sample. If SARS-CoV-2 antigens are absent in the test sample, the test line does not become visible.



# TEST KIT FEATURES

- The total testing time does not exceed 20 minutes.
- Easy-to-use test strips (cassettes).



# **KIT CONTENTS**

The product is a reagent kit containing:

- 1. Test cassette 25 pcs.
- 2. Test tube with biological sample extraction buffer -25 pcs.
- 3. Dropper cap -25 pcs.
- 4. Sterile swab for specimen collection -25 pcs.
- 5. Positive control sample -1 pc.
- 6. Negative control sample -1 pc.
- 7. Instructions for use -1 pc.

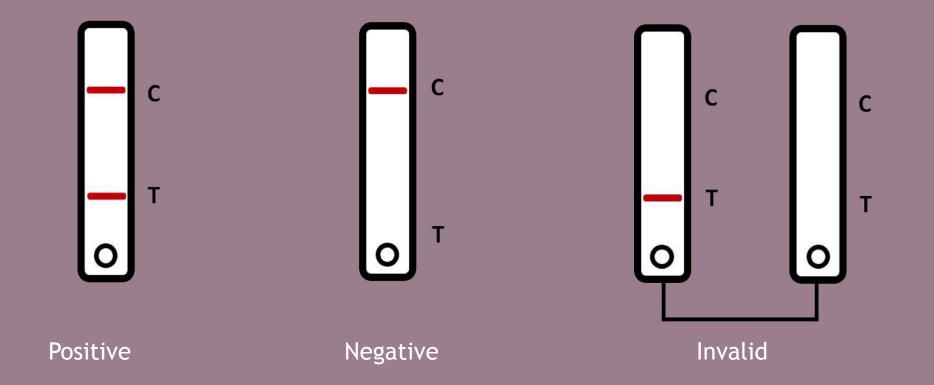
The following materials are not provided: - protective gloves - timer or stopwatch



# CLINICAL AND LABORATORY TESTING



#### **INTERPRETATION OF RESULTS**



Note: strip width and color intensity are irrelevant.

#### CERTIFICATES





#### **OUR CLIENTS**

