

# COVID-19 Antigen Detection Kit

## Package Insert

EN

**Cat:** COVID-19-NG08  
**Version:** EN-v10-S

**Specimens:** Sputum  
**Effective Date:** 2021-02

*For professional and in vitro diagnostic use only.*

### PRODUCT NAME

COVID-19 Antigen Detection Kit

### PACKING

1 piece/pouch, 25 tests/box or 1 test/box

### INTENDED USE

This product is suitable for the qualitative detection of novel coronavirus in sputum samples. It provides an aid in the diagnosis of infection with novel coronavirus.

### SUMMARY

The novel coronaviruses belong to the  $\beta$  genus. COVID-19 is an acute respiratory infectious disease. People are generally susceptible. Currently, the patients infected by the novel coronavirus are the main source of infection; asymptomatic virus carriers can also be infectious sources. Based on the current epidemiological investigation, the incubation period is 1 to 14 days, mostly 3 to 7 days. The main manifestations include fever, fatigue and dry cough. Nasal congestion, runny nose, sore throat, myalgia and diarrhea are also found in some cases.

### PRINCIPLE

The COVID-19 Antigen Detection Kit is an immunochromatographic membrane assay that uses highly sensitive monoclonal antibodies to detect nucleocapsid protein from SARS-CoV-2. The test strip is composed of the following parts: namely sample pad, reagent pad, reaction membrane, and absorbing pad. The reagent pad contains the colloidal-gold conjugated with the monoclonal antibody against the nucleocapsid protein of SARS-CoV-2; the reaction membrane contains the secondary antibodies for nucleocapsid protein of SARS-CoV-2. The whole strip is fixed inside a plastic device. When the sample is added into the sample well, conjugates absorbed in the reagent pad are dissolved and migrate along with the sample. If SARS-CoV-2 antigen is present in the sample, the complex of the anti-SARS-CoV-2 conjugate and the virus will be captured by the specific anti-SARS-CoV-2 monoclonal antibodies coated on the test line region (T). Absence of the T line suggests a negative result. To serve as a procedural control, a red line will always appear in the control line region (C) indicating that proper volume of sample has been added and membrane wicking effect has occurred.

### COMPOSITION

1. Test Card
2. Sample Extraction Tube
3. Tube Cap
4. Paper Cup
5. Sputum Dropper

### STORAGE AND STABILITY

1. Store the product package at temperature 2-30°C or 38-86°F, and avoid exposure to sunlight. The kit is stable within the expiration date printed on the labeling.
2. Once an aluminum foil pouch is opened, the test card inside should be used

within one hour. Prolonged exposure to hot and humid environment may cause inaccurate results.

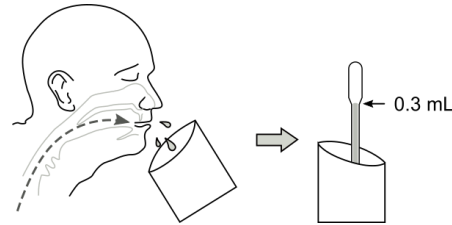
3. The lot number and the expiration date are printed on the labeling.

### WARNINGS AND PRECAUTIONS

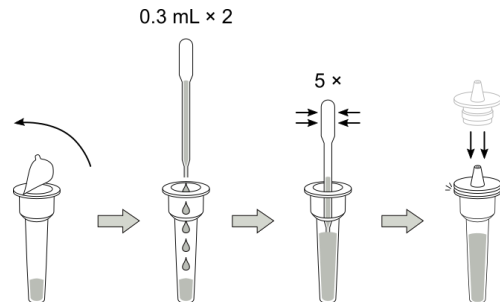
1. Read the instructions for use carefully before using this product.
2. This product is for professional use ONLY.
3. This product is applicable to sputum samples. Using other sample types may cause inaccurate or invalid test results.
4. Sputum comes from respiratory tract. It is the type of sample recommended by WHO.
5. Please make sure that a proper amount of sample is added for testing. Too much or too little sample amount may cause inaccurate results.
6. If the test line or control line is out of the test window, do not use the test card. The test result is invalid and retest the sample with another one.
7. This product is disposable. DO NOT recycle used components.
8. Dispose of used products, samples, and other consumables as medical wastes under relevant regulations.

### SAMPLE COLLECTION

1. Have the patient take a deep breath, and expectorate deep cough sputum into the paper cup or a sputum container.  
Note: If the patient has eaten or drunk just before sample collection, rinse the mouth with clean water.
2. Use the sputum dropper to transfer 0.6 mL of the sputum sample into sample extraction tube. The dropper draws up 0.3 mL sample at a time. Perform the sample transfer procedure twice.



3. Peel off the aluminum foil seal from a sample extraction tube.
4. Transfer 0.6 mL sputum sample into sample extraction tube.  
Note: Sputum is highly viscous. Please strictly follow the instructions described above. Adding excessive or insufficient sputum sample may cause inaccurate results.
5. Squeeze the dropper 5 times to mix the sputum sample with sample extraction solution.
6. Insert the tube cap firmly on the sample extraction tube. Put the tube still for 1 minute to release viral antigens.

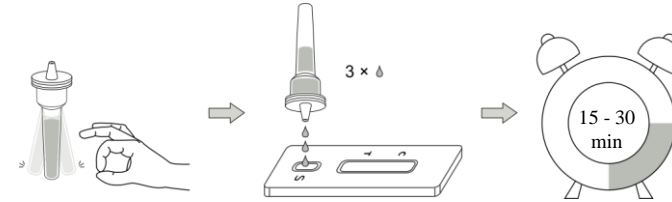


### TEST PROCEDURES

Restore the test devices and specimens to room temperature (15-30°C or 59-86°F) prior to testing.

1. Flick the bottom of the tube to mix sample solution.
2. Take out a test card from an aluminum foil pouch. Place the test card on a table. Hold the tube upside down vertically. Squeeze the tube to expel 3 drops of sample solution into the loading well on a test card.
3. Read the result at 15 to 30 minutes. The result is considered inaccurate and invalid after 30 minutes.

Note: DO NOT reload sample solution to the loading well of a used test card.

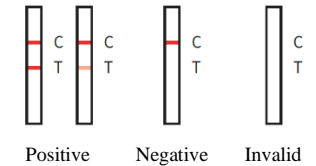


### INTERPRETATION OF RESULTS

**Positive(+):** Red bands appear at both of T and C line in 15 to 30 minutes.

**Negative(-):** A red band appears at C line while no red band appears at T line in 15 to 30 minutes after sample loading.

**Invalid:** As long as no red band appears at C line, it indicates that the test result is invalid, and should retest the sample with another test card.



### PRODUCT PERFORMANCE

**Limit of Detection (LoD):** the LoD of this product is about 0.05 ng/mL SARS-CoV-2 nucleocapsid protein solution.

### Sensitivity, Specificity & Total Accuracy

The product performance was evaluated with clinical specimens, taking commercial RT-PCR kit as the gold standard.

Sputum	RT-PCR		Total
	Positive	Negative	
COVID-19-NG08	Positive	109	110
	Negative	3	99
<b>Total</b>	112	97	209
	<b>Sensitivity</b>	<b>Specificity</b>	<b>Total Accuracy</b>
	97.3% [92.4%-99.4%]	99.0% [94.4%-100.0%]	98.1% [95.2%-99.5%]

### Cross-Reactivity with Other Pathogens










No cross-reactivity observed with pathogens listed below:

Species	Test Level
<i>Staphylococcus aureus</i>	1×10 <sup>5</sup> CFU/mL
<i>Streptococcus pneumoniae</i>	1×10 <sup>5</sup> CFU/mL

Measles virus	1×10 <sup>6</sup> pfu/mL
Mumps virus	1×10 <sup>6</sup> pfu/mL
Adenovirus type 3	1×10 <sup>6</sup> pfu/mL
<i>Mycoplasma pneumoniae</i>	1×10 <sup>5</sup> CFU/mL
Parainfluenza virus 2	1×10 <sup>6</sup> pfu/mL
Metapneumovirus	1×10 <sup>6</sup> pfu/mL
Human coronavirus OC43	1×10 <sup>6</sup> pfu/mL
Human coronavirus 229E	1×10 <sup>6</sup> pfu/mL
<i>Bordetella parapertussis</i>	1×10 <sup>5</sup> CFU/mL
Influenza B virus (Victoria Lineage)	1×10 <sup>6</sup> pfu/mL
Influenza B virus (strain B/Yamagata/16/1988)	1×10 <sup>6</sup> pfu/mL
2009 pandemic influenza A (H1N1) virus	1×10 <sup>6</sup> pfu/mL
Influenza A (H3N2) virus	1×10 <sup>6</sup> pfu/mL
Avian influenza A (H7N9) virus	1×10 <sup>6</sup> pfu/mL
Avian influenza A (H5N1) virus	1×10 <sup>6</sup> pfu/mL
Epstein-Barr virus	1×10 <sup>6</sup> pfu/mL
Enterovirus CA16	1×10 <sup>6</sup> pfu/mL
Rhinovirus	1×10 <sup>6</sup> pfu/mL

line may not correlate with the severity of infection or disease progression of the patient.

#### INDEX OF SYMBOLS

	Consult instructions for use		Tests per kit		Authorized representative in European Community
	For in vitro diagnostic use only		Use by date		Do not reuse
	Store between 2-30°C		Lot number		Catalogue number



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Zhejiang Province, P. R. China



**EC REP**

SUNGO Europe B.V.  
Olympisch Stadion 24, 1076DE  
Amsterdam, Netherlands

#### Interference Test

No interference observed with materials listed below:

Materials	Test Level
Abidol	20 µg/mL
Aluminum hydroxide	20 µg/mL
Azithromycin	20 µg/mL
Beclomethasone	20 µg/mL
Bilirubin	20 µg/mL
Budesonide	20 µg/mL
Ceftriaxone	20 µg/mL
Dexamethasone	20 µg/mL
Flunisolide	20 µg/mL
Fluticasone	20 µg/mL
Hemoglobin	20 µg/mL
Histamine hydrochloride	20 µg/mL
Levofloxacin	20 µg/mL
Lopinavir	20 µg/mL
Meropenem	20 µg/mL
Mometasone	20 µg/mL
Mucin	20 µg/mL
Oseltamivir	20 µg/mL
Oxymetazoline	20 µg/mL
Paramivir	20 µg/mL
Phenylephrine	20 µg/mL
Ribavirin	20 µg/mL
Ritonavir	20 µg/mL
Sodium bicarbonate	20 µg/mL
Sodium chloride	20 µg/mL
Tobramycin	20 µg/mL
Triamcinolone acetonide	20 µg/mL
Zanamivir	20 µg/mL
α-interferon	20 µg/mL

#### LIMITATIONS

1. This product is intended for assisted diagnosis of viral infections only. A final clinical diagnosis should also consider factors like symptoms, results of other tests as well.
2. A negative result indicates that the viral load in tested sample is below the limit of detection of this product. It cannot completely exclude the possibility of viral infection of patient.
3. A positive result indicates that the tested sample has viral load higher than the limit of detection of this product. However, the color intensity of test

# COVID-19 Antigen Detection Kit

## Package Insert

**EN**

**Cat:** COVID-19-NG08  
**Version:** EN-v10-NS

**Specimens:** Nasal Swab  
**Effective Date:** 2021-02

*For professional and in vitro diagnostic use only.*

### PRODUCT NAME

COVID-19 Antigen Detection Kit

### PACKING

1 piece/pouch, 25 tests/box or 1 test/box

### INTENDED USE

This product is suitable for the qualitative detection of novel coronavirus in nasal swab samples. It provides an aid in the diagnosis of infection with novel coronavirus.

### SUMMARY

The novel coronaviruses belong to the  $\beta$  genus. COVID-19 is an acute respiratory infectious disease. People are generally susceptible. Currently, the patients infected by the novel coronavirus are the main source of infection; asymptomatic virus carriers can also be infectious sources. Based on the current epidemiological investigation, the incubation period is 1 to 14 days, mostly 3 to 7 days. The main manifestations include fever, fatigue and dry cough. Nasal congestion, runny nose, sore throat, myalgia and diarrhea are also found in some cases.

### PRINCIPLE

This product is an immunochromatographic membrane assay that uses highly sensitive monoclonal antibodies to detect nucleocapsid protein from SARS-CoV-2. The test strip is composed of the following parts: namely sample pad, reagent pad, reaction membrane, and absorbing pad. The reagent pad contains the colloidal-gold conjugated with the monoclonal antibody against the nucleocapsid protein of SARS-CoV-2; the reaction membrane contains the secondary antibodies for nucleocapsid protein of SARS-CoV-2. The whole strip is fixed inside a plastic device. When the sample is added into the sample well, conjugates absorbed in the reagent pad are dissolved and migrate along with the sample. If SARS-CoV-2 antigen is present in the sample, the complex of the anti-SARS-CoV-2 conjugate and the virus will be captured by the specific anti-SARS-CoV-2 monoclonal antibodies coated on the test line region (T). Absence of the T line suggests a negative result. To serve as a procedural control, a red line will always appear in the control line region (C) indicating that proper volume of sample has been added and membrane wicking effect has occurred.

### COMPOSITION

1. Test Card
2. Sample Extraction Tube
3. Tube Cap
4. Sampling Swab

### STORAGE AND STABILITY

1. Store the product package at temperature 2-30°C or 38-86°F, and avoid exposure to sunlight. The kit is stable within the expiration date printed on the labeling.
2. Once an aluminum foil pouch is opened, the test card inside should be used within one hour. Prolonged exposure to hot and humid environment may

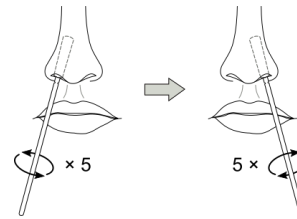
3. cause inaccurate results.
3. The lot number and the expiration date are printed on the labeling.

### WARNINGS AND PRECAUTIONS

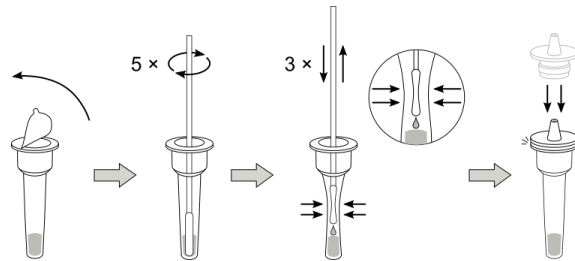
1. Read the instructions for use carefully before using this product.
2. This product is for professional use ONLY.
3. This product is applicable to nasal swab samples. Using other sample types may cause inaccurate or invalid test results.
4. Please make sure that a proper amount of sample is added for testing. Too much or too little sample amount may cause inaccurate results.
5. If the test line or control line is out of the test window, do not use the test card. The test result is invalid and retest the sample with another one.
6. This product is disposable. DO NOT recycle used components.
7. Dispose of used products, samples, and other consumables as medical wastes under relevant regulations.

### SAMPLE COLLECTION

1. Gently insert the entire absorbent tip of the sampling swab into one nostril. Do not insert the swab more than 3/4 of an inch (2 cm) into the nose.
2. Gently rub and rotate the swab in a circular path 5 times for at least 20 seconds. Gently pull out the sampling swab.
3. Using the same swab to repeat step 1 and 2 in the other nostril.



4. Peel off the aluminum foil seal from a sample extraction tube.
5. Place the swab into sample extraction tube. Use the swab to stir in the solution at least 5 times.
6. Squeeze the sample extraction tube, and move the swab up and down for at least 3 times to expel any sample solution from the swab. Discard the swab properly.
7. Insert the tube cap firmly on the sample extraction tube.

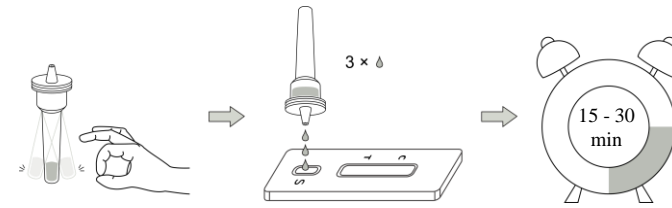


### TEST PROCEDURES

Restore the test devices and specimens to room temperature (15-30°C or 59-86°F) prior to testing.

1. Flick the bottom of the tube to mix sample solution.
2. Take out a test card from an aluminum foil pouch. Place the test card on a table. Hold the tube upside down vertically. Squeeze the tube to expel 3 drops of sample solution into the loading well on a test card.
3. Read the result at 15 to 30 minutes. The result is considered inaccurate and invalid after 30 minutes.

Note: DO NOT reload sample solution to the loading well of a used test card.

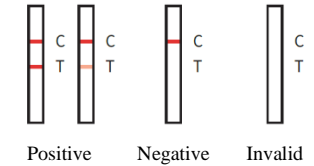


### INTERPRETATION OF RESULTS

**Positive(+):** Red bands appear at both of T and C line in 15 to 30 minutes.

**Negative(-):** A red band appears at C line while no red band appears at T line in 15 to 30 minutes after sample loading.

**Invalid:** As long as no red band appears at C line, it indicates that the test result is invalid, and should retest the sample with another test card.



### PRODUCT PERFORMANCE

**Limit of Detection (LoD):** the LoD of this product is about 0.05 ng/mL SARS-CoV-2 nucleocapsid protein solution.

### Sensitivity, Specificity & Total Accuracy

The product performance was evaluated with clinical specimens, taking commercial RT-PCR kit as the gold standard.

Nasal Swab	RT-PCR		Total	
	Positive	Negative		
COVID-19-NG08	Positive	168	2	170
	Negative	5	262	267
<b>Total</b>		173	264	437
	<b>Sensitivity</b>	<b>Specificity</b>	<b>Total Accuracy</b>	
	<b>97.1%</b> [93.4%-99.1%]	<b>99.2%</b> [97.3%-99.9%]	<b>98.4%</b> [96.7%-99.4%]	

### Cross-Reactivity with Other Pathogens

No cross-reactivity observed with pathogens listed below:

Species	Test Level
<i>Staphylococcus aureus</i>	1×10 <sup>5</sup> CFU/mL
<i>Streptococcus pneumoniae</i>	1×10 <sup>5</sup> CFU/mL
Measles virus	1×10 <sup>6</sup> pfu/mL
Mumps virus	1×10 <sup>6</sup> pfu/mL
Adenovirus type 3	1×10 <sup>6</sup> pfu/mL
<i>Mycoplasma pneumoniae</i>	1×10 <sup>5</sup> CFU/mL
Parainfluenza virus 2	1×10 <sup>6</sup> pfu/mL
Metapneumovirus	1×10 <sup>6</sup> pfu/mL
Human coronavirus OC43	1×10 <sup>6</sup> pfu/mL
Human coronavirus 229E	1×10 <sup>6</sup> pfu/mL
<i>Bordetella parapertussis</i>	1×10 <sup>5</sup> CFU/mL
Influenza B virus (Victoria Lineage)	1×10 <sup>6</sup> pfu/mL
Influenza B virus (strain B/Yamagata/16/1988)	1×10 <sup>6</sup> pfu/mL
2009 pandemic influenza A (H1N1) virus	1×10 <sup>6</sup> pfu/mL

Influenza A (H3N2) virus	1×10 <sup>6</sup> pfu/mL
Avian influenza A (H7N9) virus	1×10 <sup>6</sup> pfu/mL
Avian influenza A (H5N1) virus	1×10 <sup>6</sup> pfu/mL
Epstein-Barr virus	1×10 <sup>6</sup> pfu/mL
Enterovirus CA16	1×10 <sup>6</sup> pfu/mL
Rhinovirus	1×10 <sup>6</sup> pfu/mL



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EC REP

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Amsterdam, Netherlands

### Interference Test

No interference observed with materials listed below:

Materials	Test Level
Abidol	20 µg/mL
Aluminum hydroxide	20 µg/mL
Azithromycin	20 µg/mL
Beclomethasone	20 µg/mL
Bilirubin	20 µg/mL
Budesonide	20 µg/mL
Ceftriaxone	20 µg/mL
Dexamethasone	20 µg/mL
Flunisolide	20 µg/mL
Fluticasone	20 µg/mL
Hemoglobin	20 µg/mL
Histamine hydrochloride	20 µg/mL
Levofloxacin	20 µg/mL
Lopinavir	20 µg/mL
Meropenem	20 µg/mL
Mometasone	20 µg/mL
Mucin	20 µg/mL
Oseltamivir	20 µg/mL
Oxymetazoline	20 µg/mL
Paramivir	20 µg/mL
Phenylephrine	20 µg/mL
Ribavirin	20 µg/mL
Ritonavir	20 µg/mL
Sodium bicarbonate	20 µg/mL
Sodium chloride	20 µg/mL
Tobramycin	20 µg/mL
Triamcinolone acetonide	20 µg/mL
Zanamivir	20 µg/mL
α-interferon	20 µg/mL

### LIMITATIONS

1. This product is intended for assisted diagnosis of viral infections only. A final clinical diagnosis should also consider factors like symptoms, results of other tests as well.
2. A negative result indicates that the viral load in tested sample is below the limit of detection of this product. It cannot completely exclude the possibility of viral infection of patient.
3. A positive result indicates that the tested sample has viral load higher than the limit of detection of this product. However, the color intensity of test line may not correlate with the severity of infection or disease progression of the patient.

### INDEX OF SYMBOLS

	Consult instructions for use		Tests per kit		Authorized representative in European Community
	For in vitro diagnostic use only		Use by date		Do not reuse
	Store between 2-30°C		Lot number		Catalogue number

# COVID-19 Antigen Detection Kit

## Package Insert

**EN**

**Cat:** COVID-19-NG08  
**Version:** EN-v10-NPS

**Specimens:** Nasopharyngeal Swab  
**Effective Date:** 2021-02

*For professional and in vitro diagnostic use only.*

### PRODUCT NAME

COVID-19 Antigen Detection Kit

### PACKING

1 piece/pouch, 25 tests/box or 1 test/box

### INTENDED USE

This product is suitable for the qualitative detection of novel coronavirus in nasopharyngeal swab samples. It provides an aid in the diagnosis of infection with novel coronavirus.

### SUMMARY

The novel coronaviruses belong to the  $\beta$  genus. COVID-19 is an acute respiratory infectious disease. People are generally susceptible. Currently, the patients infected by the novel coronavirus are the main source of infection; asymptomatic virus carriers can also be infectious sources. Based on the current epidemiological investigation, the incubation period is 1 to 14 days, mostly 3 to 7 days. The main manifestations include fever, fatigue and dry cough. Nasal congestion, runny nose, sore throat, myalgia and diarrhea are also found in some cases.

### PRINCIPLE

This product is an immunochromatographic membrane assay that uses highly sensitive monoclonal antibodies to detect nucleocapsid protein from SARS-CoV-2. The test strip is composed of the following parts: namely sample pad, reagent pad, reaction membrane, and absorbing pad. The reagent pad contains the colloidal-gold conjugated with the monoclonal antibody against the nucleocapsid protein of SARS-CoV-2; the reaction membrane contains the secondary antibodies for nucleocapsid protein of SARS-CoV-2. The whole strip is fixed inside a plastic device. When the sample is added into the sample well, conjugates absorbed in the reagent pad are dissolved and migrate along with the sample. If SARS-CoV-2 antigen is present in the sample, the complex of the anti-SARS-CoV-2 conjugate and the virus will be captured by the specific anti-SARS-CoV-2 monoclonal antibodies coated on the test line region (T). Absence of the T line suggests a negative result. To serve as a procedural control, a red line will always appear in the control line region (C) indicating that proper volume of sample has been added and membrane wicking effect has occurred.

### COMPOSITION

1. Test Card
2. Sample Extraction Tube
3. Tube Cap
4. Sampling Swab

### STORAGE AND STABILITY

1. Store the product package at temperature 2-30°C or 38-86°F, and avoid exposure to sunlight. The kit is stable within the expiration date printed on the labeling.
2. Once an aluminum foil pouch is opened, the test card inside should be used within one hour. Prolonged exposure to hot and humid environment may

cause inaccurate results.

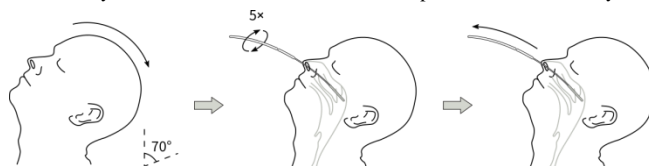
3. The lot number and the expiration date are printed on the labeling.

### WARNINGS AND PRECAUTIONS

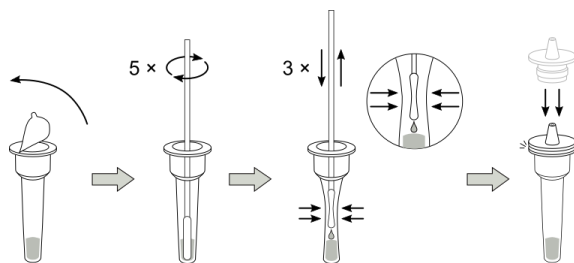
1. Read the instructions for use carefully before using this product.
2. This product is for professional use ONLY.
3. This product is applicable to nasopharyngeal swab samples. Using other sample types may cause inaccurate or invalid test results.
4. Please make sure that a proper amount of sample is added for testing. Too much or too little sample amount may cause inaccurate results.
5. If the test line or control line is out of the test window, do not use the test card. The test result is invalid and retest the sample with another one.
6. This product is disposable. DO NOT recycle used components.
7. Dispose of used products, samples, and other consumables as medical wastes under relevant regulations.

### SAMPLE COLLECTION

1. Tilt the patient's head back slightly for about 70°.
2. Gently insert the sampling swab into a nostril straight back (not upwards), along the floor of the nasal passage until reaching the posterior wall of the nasopharynx - generally one half the distance from the corner of the nose to the front of the ear (about 4 to 6 cm or 1.6 - 2.5 inches).  
Note: Do not force swab - if an obstruction is encountered, try the other nostril.
3. Gently rub and roll the swab for 5 times, and pull out the swab slowly.



4. Peel off the aluminum foil seal from a sample extraction tube.
5. Place the swab into sample extraction tube. Use the swab to stir in the solution at least 5 times.
6. Squeeze the sample extraction tube, and move the swab up and down for at least 3 times to expel any sample solution from the swab. Discard the swab properly.
7. Insert the tube cap firmly on the sample extraction tube.

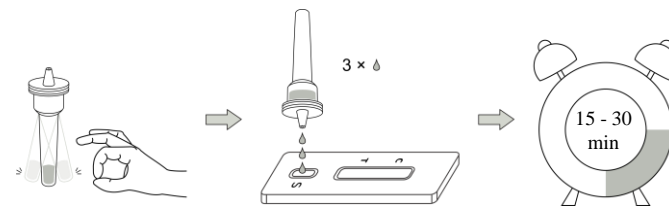


### TEST PROCEDURES

Restore the test devices and specimens to room temperature (15-30°C or 59-86°F) prior to testing.

1. Flick the bottom of the tube to mix sample solution.
2. Take out a test card from an aluminum foil pouch. Place the test card on a table. Hold the tube upside down vertically. Squeeze the tube to expel 3 drops of sample solution into the loading well on a test card.
3. Read the result at 15 to 30 minutes. The result is considered inaccurate and invalid after 30 minutes.

Note: DO NOT reload sample solution to the loading well of a used test card.

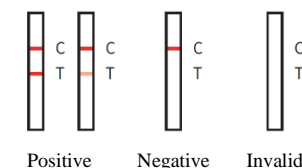


### INTERPRETATION OF RESULTS

**Positive(+):** Red bands appear at both of T and C line in 15 to 30 minutes.

**Negative(-):** A red band appears at C line while no red band appears at T line in 15 to 30 minutes after sample loading.

**Invalid:** As long as no red band appears at C line, it indicates that the test result is invalid, and should retest the sample with another test card.



### PRODUCT PERFORMANCE

**Limit of Detection (LoD):** the LoD of this product is about 0.05 ng/mL SARS-CoV-2 nucleocapsid protein solution.

### Sensitivity, Specificity & Total Accuracy

The product performance was evaluated with clinical specimens, taking commercial RT-PCR kit as the gold standard.

Nasopharyngeal Swab	RT-PCR		Total	
	Positive	Negative		
COVID-19-NG08	Positive	242	1	243
	Negative	5	113	118
<b>Total</b>	247	114	361	
	<b>Sensitivity</b>	<b>Specificity</b>	<b>Total Accuracy</b>	
	98.0%	99.1%	98.3%	
	[95.3%-99.3%]	[95.2%-100.0%]	[96.4%-99.4%]	

### Cross-Reactivity with Other Pathogens

No cross-reactivity observed with pathogens listed below:

Species	Test Level
<i>Staphylococcus aureus</i>	1×10 <sup>5</sup> CFU/mL
<i>Streptococcus pneumoniae</i>	1×10 <sup>5</sup> CFU/mL
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Adenovirus type 3	1×10 <sup>6</sup> pfu/mL
<i>Mycoplasma pneumoniae</i>	1×10 <sup>5</sup> CFU/mL
Parainfluenza virus 2	1×10 <sup>6</sup> pfu/mL
Metapneumovirus	1×10 <sup>6</sup> pfu/mL
Human coronavirus OC43	1×10 <sup>6</sup> pfu/mL
Human coronavirus 229E	1×10 <sup>6</sup> pfu/mL
<i>Bordetella parapertussis</i>	1×10 <sup>5</sup> CFU/mL
Influenza B virus (Victoria Lineage)	1×10 <sup>6</sup> pfu/mL
Influenza B virus (strain B/Yamagata/16/1988)	1×10 <sup>6</sup> pfu/mL

2009 pandemic influenza A (H1N1) virus	1×10 <sup>6</sup> pfu/mL
Influenza A (H3N2) virus	1×10 <sup>6</sup> pfu/mL
Avian influenza A (H7N9) virus	1×10 <sup>6</sup> pfu/mL
Avian influenza A (H5N1) virus	1×10 <sup>6</sup> pfu/mL
Epstein-Barr virus	1×10 <sup>6</sup> pfu/mL
Enterovirus CA16	1×10 <sup>6</sup> pfu/mL
Rhinovirus	1×10 <sup>6</sup> pfu/mL



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EC REP

SUNGO Europe B.V.  
Olympisch Stadion 24, 1076DE  
Amsterdam, Netherlands

### Interference Test

No interference observed with materials listed below:

Materials	Test Level
Abidol	20 µg/mL
Aluminum hydroxide	20 µg/mL
Azithromycin	20 µg/mL
Beclomethasone	20 µg/mL
Bilirubin	20 µg/mL
Budesonide	20 µg/mL
Ceftriaxone	20 µg/mL
Dexamethasone	20 µg/mL
Flunisolide	20 µg/mL
Fluticasone	20 µg/mL
Hemoglobin	20 µg/mL
Histamine hydrochloride	20 µg/mL
Levofloxacin	20 µg/mL
Lopinavir	20 µg/mL
Meropenem	20 µg/mL
Mometasone	20 µg/mL
Mucin	20 µg/mL
Oseltamivir	20 µg/mL
Oxymetazoline	20 µg/mL
Paramivir	20 µg/mL
Phenylephrine	20 µg/mL
Ribavirin	20 µg/mL
Ritonavir	20 µg/mL
Sodium bicarbonate	20 µg/mL
Sodium chloride	20 µg/mL
Tobramycin	20 µg/mL
Triamcinolone acetonide	20 µg/mL
Zanamivir	20 µg/mL
α-interferon	20 µg/mL

### LIMITATIONS

1. This product is intended for assisted diagnosis of viral infections only. A final clinical diagnosis should also consider factors like symptoms, results of other tests as well.
2. A negative result indicates that the viral load in tested sample is below the limit of detection of this product. It cannot completely exclude the possibility of viral infection of patient.
3. A positive result indicates that the tested sample has viral load higher than the limit of detection of this product. However, the color intensity of test line may not correlate with the severity of infection or disease progression of the patient.

### INDEX OF SYMBOLS

	Consult instructions for use		Tests per kit		Authorized representative in European Community
	For in vitro diagnostic use only		Use by date		Do not reuse
	Store between 2-30°C		Lot number		Catalogue number