



# RAPID TESTS TRAINING GUIDE

## How to Administer Test

All persons administering a test should adhere to provincial/territorial guidelines. For further details, please refer to your provincial/territorial ministry of health.

1. Wear appropriate PPE, as outlined by your local provincial/territorial ministry of health (e.g., gloves, apron, mask, sneeze guard, etc.). Ensure testing area has been appropriately disinfected before each test. Open test.
2. Hold buffer bottle vertically and fill extraction tube with fluid until fill line. Place the extraction tube in tube rack.

3. Swab nose. Tilt head backwards (approx. 70°). Insert swab 2 cm into nostril and rotate swab 5 times against nasal wall. Repeat in other nostril with the same swab.
4. Insert used swab into extraction tube. Swirl swab on the sides of the extraction tube 5 times and squeeze out swab by holding the sides of the extraction tube with your fingers tightly. Break swab at breakpoint. Place cap on extraction tube and close tightly.
5. Open nozzle cap at the bottom of the extraction tube. Dispense 5 drops of extracted specimen onto the device. Leave test unmoved until ready to read (approx. 15-20 minutes). Close nozzle and begin disposal procedure.



For video instructions, please refer to Abbott video: <https://alere.wistia.com/medias/82co9bznbc>

## How to Dispose of Test

1. Ensure both caps on the extraction tube are sealed tightly.
2. Dispose of both the extraction tube (with swab inside) and testing device into regular waste disposal or use a biohazard waste disposal process if one is available to you.
3. Clean area with disinfectant and follow proper doffing and disposing procedures for PPE. Ensure new PPE is used for each test procedure and patient.

For detailed disposal instructions, please refer to your local provincial/territorial health ministry website. Please note the Province of Ontario requires additional disposal steps, found here: <https://covid-19.ontario.ca/provincial-antigen-screening-program>

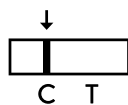
Keep rapid antigen test kits and solutions out of the reach of children and pets, before and after use. Keep test kit and kit components together and sealed until immediate use.

## How to Interpret Test Results

Regardless of rapid test results, if you are experiencing any COVID-19 symptoms, follow all local public health guidelines.

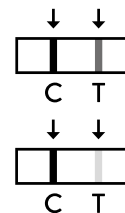
### Negative

The presence of only the control line (C) and no test line (T) within the results window indicates a negative test result. A negative result is presumptive and is only valid the day of testing.



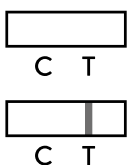
### Positive

The presence of the control line (C) and test line (T) within the results window indicates a positive test result, regardless of which line appears first, or how faint. A positive result is presumptive and is only valid the day of testing.



### Invalid

The presence of no lines within the results window, or the presence of only the test line (T) indicate an invalid test result. Reread instructions on administration before retesting the specimen with a new testing device.



For full details, please refer to the Abbott leaflet found inside the testing kit, and here: [https://extranet.who.int/pqweb/sites/default/files/documents/EUL\\_0587\\_032\\_00\\_PanbioCOVID-19\\_AgRapidTestDevice\\_NASAL\\_ifu.pdf](https://extranet.who.int/pqweb/sites/default/files/documents/EUL_0587_032_00_PanbioCOVID-19_AgRapidTestDevice_NASAL_ifu.pdf)

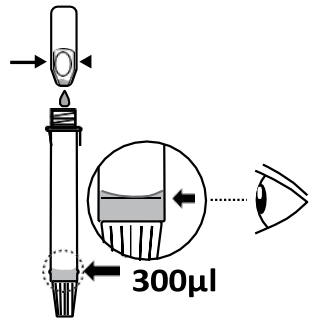
For reporting instructions and requirements for positive cases, please refer to your local provincial/territorial ministry of health website.

Additional training resources: Some provinces also have specific guidance and training material on rapid testing, see: <https://www.canada.ca/en/public-health/services/diseases/coronavirus-disease-covid-19/testing-screening-contact-tracing/workplace/rapid-antigen-tests.html#a3>

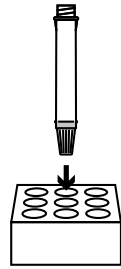
## TEST PROCEDURE

- 1** Squeeze the liquid from the buffer bottle and fill the extraction tube with buffer fluid until it flows up to the fill-line of the extraction tube (300 µl). You will need to squeeze at least twice.

**Caution:** If the amount of buffer is excessive or insufficient, an improper test result may occur. The buffer fluid should be at or slightly above the fill line on the side of the tube.

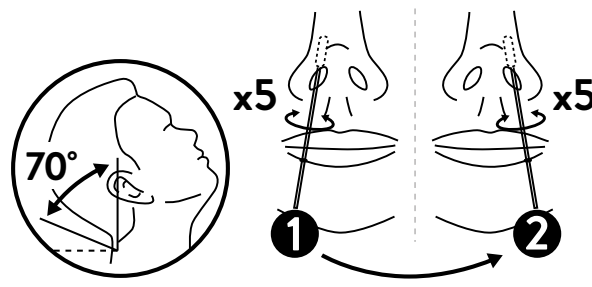


- 2** Place the extraction tube in the tube rack.

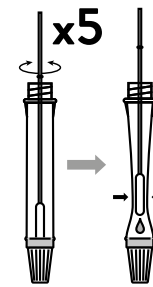


- 3** Tilt the patient's head back 70 degrees. While gently rotating the swab, insert swab less than one inch (about 2 cm) into nostril (until resistance is met at the turbinates). Rotate the swab five times against the nasal wall. Using the same swab repeat the collection procedure with the second nostril. Slowly remove swab from the nostril.

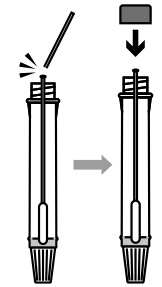
**Caution:** If the swab stick breaks during sample collection, repeat sample collection with a new swab.



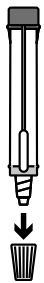
- 4** Insert the swab specimen in the extraction tube. Swirl the swab tip in the buffer fluid inside the extraction tube, pushing into the wall of the extraction tube at least five times and then squeeze out the swab by squeezing the extraction tube with your fingers.



- 5** Break the swab at the breakpoint and close the cap of extraction tube.

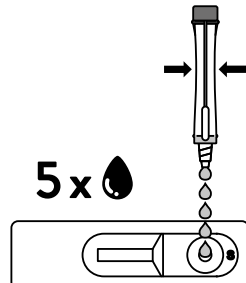


- 6** Open the dropping nozzle cap at the bottom of the extraction tube.

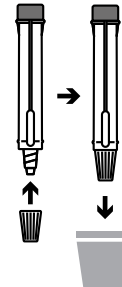


- 7** Dispense 5 drops of extracted specimens vertically into the specimen well (S) on the device. Do not handle or move the test device until the test is complete and ready for reading.

**Caution:** Bubbles that occur in the extraction tube can lead to inaccurate results. If you are unable to create sufficient drops, this may be caused by clogging in the dispensing nozzle. Shake the tube gently to release the blockage until you observe free drop formation.



- 8** Close the nozzle and dispose of the extraction tube containing the used swab according to your local regulations or biohazard waste disposal protocol.



- 9** Start timer. Read result at 15 minutes. Do not read results after 20 minutes.



- 10** Dispose of the used device according to your local regulations or biohazard waste disposal protocol.



# STANDARD Q COVID-19 Ag Nasal Test

COVID-19 Antigen Nasal Test Quick reference instruction  
Fast result in 15 minutes | Nasal Test | SD BIOSENSOR

Study the Instructions for Use thoroughly before using Quick Reference Instructions. This is not a complete Instructions for Use.

After looking at the diagram below and familiarizing yourself with how to use it, follow the instructions below.

## STEP 1 PREPARATION

- Wash your hands.
- Check the kit contents before testing. Ensure all test components are at room temperature (15°C-30°C) for 30 minutes before use.
- Check the expiry date at the back of the foil pouch. After open the foil pouch, check the test device and the desiccant pack in the foil pouch.

## STEP 2 SPECIMEN COLLECTION

- Open the Extraction buffer tube pouch and the seal of buffer tube.
- Set the extraction buffer tube on the buffer tube rack.
- Open the sterile swab pouch and hold the swab.
- Tilt patient's head back slightly. While rotating the swab, insert swab approximately one inch (about 2 cm) into nostril until resistance is met at turbinates. Slowly rotate the swab in a circular path against the nasal wall at least 4 times for a minimum of 15 seconds. Repeat in other nostril using the same swab.

## STEP 3 TEST PROCEDURE

- Insert the sterile swab into the extraction buffer tube. While squeezing the extraction buffer tube, stir the sterile swab more than 10 times. Remove the sterile swab while squeezing the sides of the tube to extract the liquid from the sterile swab. Discard used swab.
- In case of contact with your skin or eyes, wash immediately with plenty of water.
- Press the nozzle cap tightly onto the tube.
- Apply 4 drops of extracted specimen to the specimen well of the test device.
- Read the test result in 15-30 min.

## STEP 4 INTERPRETATION OF TEST RESULT

**Negative**  
Negative result: A colored band will appear only control line(C) on the result window.

**Positive**  
Positive result: Colored bands will appear both control line(C) and test line(T) on the result window.

**Invalid**  
Retest: If the control line(C) is not appeared in the result window, it is an invalid result. Retest using a new specimen and device.

\* Positive results should be considered in conjunction with the clinical history and other data available.  
\* Even if the control line is faint, or the test line isn't uniform, the test should be considered to be performed properly and the test result should be interpreted as a positive result.

4 drops  
15-30 mins  
Read in 15-30 mins. Do not read after 30 mins.

\* Place the test device on a flat surface  
\* Dispense the specimen at a 90 degree angle to allow for free falling drops and avoid bubbles.  
\* Do not read test results after 30 minutes. It may give false results.

### INTERNAL QUALITY CONTROL

A control line is used in the test as a procedural control. A visible control line confirms that the lateral flow of the test is successful but is not the confirmation that the specimen and buffer have been applied properly.

### EXTERNAL QUALITY CONTROL

- Positive and negative controls are supplied with each kit.
- Positive and negative controls should be performed as real specimens.
- It is recommended that positive and negative controls be run once for each new lot, once for each untrained operator, as required by test procedures in these instructions and in accordance with local, state and federal regulations or accreditation requirements.

### Preparing a QC

- Place the test device on a flat surface and apply 3 drops of extracted sample at a 90 degree angle to the specimen well of the test device.
- Read the test result in 15-30 minutes.

### QC procedure

- Check the expiry date on the foil pouch of the controls. Do not use the controls if the expiry date has passed.
- Open the pouch of the positive or negative control and put the positive or negative control swab into an extraction buffer tube. Stir the swab more than 5 times.
- Remove the swab while squeezing the sides of the tube to extract the liquid from the swab.
- Press the nozzle cap tightly onto the tube.

Result	Interpretation
Positive result with positive control	Pass
Negative result with negative control	Pass
Negative result with positive control	Fail
Positive result with negative control	Fail
Control line not visible	Invalid. Repeat with a new test device.

### READING AND INTERPRETING RESULTS

STANDARD COVID-19 Ag Control: Positive			
Result	Control (C) Line	Interpretation	Follow up
Positive	Positive	Pass	-
Negative	Positive	Fail	Retest*
No Control (C) Line			
Invalid. Repeat with a new test device.			

STANDARD COVID-19 Ag Control: Negative			
Result	Control (C) Line	Interpretation	Follow up
Negative	Positive	Pass	-
Positive	Positive	Fail	Retest*
No Control (C) Line			
Invalid. Repeat with a new test device.			

\* Use new test devices and new control for retest.

### INTERPRETATION OF TEST RESULT

Test result	Example	Description
Negative*		1. A colored band will appear in the top section of the result window to show that the test is working properly. This band is control line (C).
Positive*		2. A colored band will appear in the lower section of the result window. This band is test line of SARS-CoV-2 antigen (T).
Invalid		3. Retest: If the control line(C) is not appeared in the result window, it is an invalid result. Retest using a new specimen and device.

\* Even if the control line or test line is faint or not uniform, the test should be considered to be performed properly and the test result should be interpreted.

### LIMITATIONS

- The test procedure, precautions and interpretation of results for this test must be followed strictly when testing.
- The test should be used for the detection of SARS-CoV-2 antigen in human nasal swab samples. This test cannot be used for quantifying SARS-CoV-2 antigen concentration.
- Failure to follow the test procedure and interpretation of test results may adversely affect test performance and/or produce invalid results.
- The immune response cannot be assessed with this test and needs other testing methods.
- The test result should not be used as a sole basis for treatment or patient management decisions, and should be considered in the context of the patient's recent exposures, history and the presence of clinical signs and symptoms consistent with COVID-19.
- A negative result may occur if the concentration of antigen in a sample is below the detection limit of the test or if the sample was collected or transported improperly. Therefore a negative test result does not eliminate the possibility of SARS-CoV-2 infection, and should be confirmed by a molecular assay, if necessary for patient management.
- Positive test results do not rule out co-infections with other pathogens.
- Positive test results do not differentiate between SARS-CoV-2 and SARS-CoV.
- Negative test results are not intended to rule in or rule out other coronavirus infection.
- The performance of this device has not been assessed in a population vaccinated against COVID-19.

### SPECIFIC PERFORMANCE DATA

**Clinical evaluation**  
Clinical performance of the STANDARD Q COVID-19 Ag Nasal Test was evaluated using nasal swab samples from 696 subjects in a prospective study at a clinical center in Germany. The study cohort included adults at high risk for SARS-CoV-2 infection according to clinical suspicion. 311 subjects underwent nasal sampling performed by healthcare professionals and 385 subjects followed instructions to obtain a nasal swab sample by themselves. Self-collection was performed under the supervision of healthcare workers without interference or assistance. Test procedures and result reading were always performed by healthcare professionals. RT-PCR tests (Roche cobas® SARS-CoV-2 and TibMolbio SARS-CoV-2 E-gene assay) using combined nasopharyngeal/oropharyngeal swab samples were used as the comparator methods. Nasal sampling always preceded the combined NP/OP sampling.

Microorganism	Concentration	Professional collection	Self-collection
Haemophilus influenzae (NCCP 13819) <sup>a</sup>	N/A	N/A	NEG
Haemophilus influenzae (NCCP 14581) <sup>a</sup>	N/A	N/A	NEG
Haemophilus influenzae (NCCP 14582) <sup>a</sup>	N/A	N/A	NEG
Streptococcus pneumoniae type1 (KCCM 41560) <sup>a</sup>	N/A	N/A	NEG
Streptococcus pneumoniae type2 (KCCM 40410) <sup>a</sup>	N/A	N/A	NEG
Streptococcus pneumoniae type3 (KCCM 41569) <sup>a</sup>	N/A	N/A	NEG
Streptococcus pneumoniae type5 (KCCM 41570) <sup>a</sup>	N/A	N/A	NEG
Streptococcus pyogenes (ATCC 12344) <sup>a</sup>	N/A	N/A	NEG
Candida albicans (ATCC 10231) <sup>a</sup>	N/A	N/A	NEG
Bordetella pertussis (NCCP 13671) <sup>a</sup>	N/A	N/A	NEG
Mycoplasma pneumoniae (ATCC 15531) <sup>d</sup>	N/A	N/A	NEG
Chlamydia pneumoniae (ATCC VR-2282) <sup>d</sup>	N/A	N/A	NEG
Legionella pneumophila (ATCC 33155) <sup>a</sup>	N/A	N/A	NEG
Staphylococcus aureus (NCCP 14647) <sup>a</sup>	N/A	N/A	NEG
Staphylococcus epidermidis (KCCM 35494) <sup>a</sup>	N/A	N/A	NEG

In total, nasal swab samples from 150 PCR-positive and 546 PCR-negative individuals were evaluated using the STANDARD Q COVID-19 Ag Nasal Test. The relative sensitivity and relative specificity were 82.7% (95% CI: 75.6% - 88.4%) and 99.1% (95% CI: 97.9% - 99.7%), respectively.

### Summary of sample characteristics and performances:

	Overall	HCP-collection	Self-collection
N	696	311	385
Asymptomatic, n/N (%)	0/696 (2.9%)	7/311 (2.3%)	13/385 (3.4%)
Symptomatic, n/N (%)	676/696 (97.1%)	304/311 (97.7%)	372/385 (96.6%)
DPSO, median (range)	3 (0 - 27)	3 (0 - 15)	4 (0 - 27)
PCR positive, n/N (%)	150/696 (21.6%)	77/311 (24.8%)	73/385 (19.0%)
PCR positive symptomatic, n/N (%)	147/150 (98.0%)	75/77 (97.4%)	72/73 (98.6%)
PCR positive asymptomatic, n/N (%)	3/150 (2.0%)	2/77 (2.6%)	1/73 (1.4%)
PCR negative, n/N (%)	546/696 (78.4%)	234/311 (75.2%)	312/385 (81.0%)
PCR sample type	Combined OP/NP		

Relative sensitivity, % (95% CI), N	Professional collection	Self-collection
NCT <sup>d</sup> ≤ 24	97.7% (CI: 88.0% - 99.9%), 44	97.9% (CI: 88.7% - 99.9%), 47
NCT <sup>d</sup> ≤ 27	93.1% (CI: 83.3% - 98.1%), 58	94.7% (CI: 85.4% - 98.9%), 54
NCT <sup>d</sup> ≤ 30	89.6% (CI: 79.7% - 95.7%), 67	89.1% (CI: 78.8% - 95.5%), 64
NCT <sup>d</sup> ≤ 33	87.1% (CI: 77.0% - 93.9%), 70	84.5% (CI: 74.0% - 92.0%), 71
All Ct values	83.1% (CI: 72.9% - 90.7%), 77	82.2% (CI: 71.5% - 90.2%), 73

a) for samples run on cobas the Target 2 (E gene) Ct values were used.

Relative specificity, % (95% CI), N	Professional collection	Self-collection
All Ct values	99.1% (CI: 96.9% - 99.9%), 234	99.0% (CI: 97.2% - 99.8%), 312

Antigen positive	PCR positive	PCR negative	Total
124	5	129	
Antigen negative	26	541	567
Total	150	546	696

### ANALYTICAL PERFORMANCE

**Limit of detection (LoD)**  
The SARS-CoV-2 positive specimen was prepared by spiking inactivated SARS-CoV-2 (2019-nCoV) NCCP 4326/2020/Korea strain in negative clinical matrix using SARS-CoV-2 negative nasal swab confirmed with PCR. LoD is expressed as 9.25 x 10<sup>-1</sup> TCID<sub>50</sub>/mL (146.6 TCID<sub>50</sub>/mL) for direct nasal swab by testing serially diluted positive specimens.

### Cross-reactivity

No cross-reactivity was observed for the following microorganisms at the indicated concentrations, with the exception of SARS-CoV. All microorganisms were spiked into negative clinical matrix for testing.

Virus/Bacteria	Concentration	Results
Extraction buffer with negative nasal matrix <sup>a</sup>	N/A	NEG
Human coronavirus 229E <sup>a</sup>	2.18 X 10 <sup>8</sup> PFU/mL	NEG
Human coronavirus OC43 <sup>a</sup>	4.06 X 10 <sup>7</sup> PFU/mL	NEG
Human coronavirus NL63 <sup>a</sup>	1.17 X 10 <sup>8</sup> PFU/mL	NEG
MERS-coronavirus <sup>b</sup>	2.87 X 10 <sup>8</sup> PFU/mL	NEG
SARS-coronavirus <sup>c</sup>	N/A	POS
Adenovirus Type1 <sup>b</sup>	1.77 X 10 <sup>8</sup> PFU/mL	NEG
Adenovirus Type2 <sup>b</sup>	7.93 X 10 <sup>8</sup> PFU/mL	NEG
Adenovirus Type5 <sup>b</sup>	2.33 X 10 <sup>7</sup> PFU/mL	NEG
Adenovirus Type6 <sup>b</sup>	1.34 X 10 <sup>7</sup> PFU/mL	NEG
Adenovirus Type7A <sup>b</sup>	9.74 X 10 <sup>7</sup> PFU/mL	NEG
Adenovirus Type11 <sup>b</sup>	1.34 X 10 <sup>7</sup> PFU/mL	NEG
Adenovirus Type14 <sup>b</sup>	1.69 X 10 <sup>8</sup> PFU/mL	NEG
Adenovirus Type40 <sup>b</sup>	2.62 X 10 <sup>8</sup> PFU/mL	NEG
Human Metapneumovirus3 type B1 <sup>b</sup>	1.50 X 10 <sup>8</sup> PFU/mL	NEG
Human Metapneumovirus16 type A1 <sup>b</sup>	6.58 X 10 <sup>8</sup> PFU/mL	NEG
Parainfluenza virus 1 <sup>b</sup>	2.13 X 10 <sup>8</sup> PFU/mL	NEG
Parainfluenza virus 2 <sup>b</sup>	8.68 X 10 <sup>8</sup> PFU/mL	NEG
Parainfluenza virus 3 <sup>b</sup>	4.55 X 10 <sup>8</sup> PFU/mL	NEG
Parainfluenza virus 4A <sup>b</sup>	2.62 X 10 <sup>8</sup> PFU/mL	NEG
Influenza A H1N1 pdm/Michigan/45/15 <sup>b</sup>	8.68 X 10 <sup>8</sup> PFU/mL	NEG
Influenza A H1N1 Brisbane/59/07 <sup>b</sup>	4.99 X 10 <sup>8</sup> PFU/mL	NEG
Influenza A H3N2 Singapore/INFIMH-16-0019/16 <sup>b</sup>	3.22 X 10 <sup>8</sup> PFU/mL	NEG
Influenza A H3N2 South Australia/55/14 <sup>b</sup>	8.1 X 10 <sup>8</sup> PFU/mL	NEG
Influenza A H3N2 Hong Kong/8/68 <sup>b</sup>	3.45 X 10 <sup>8</sup> PFU/mL	NEG
Influenza A H3N2 Victoria/361/11 <sup>b</sup>	9.74 X 10 <sup>8</sup> PFU/mL	NEG
Influenza B Massachusetts/2/12 <sup>b</sup>	1.69 X 10 <sup>8</sup> PFU/mL	NEG
Influenza B Malaysia/2506/04 <sup>b</sup>	2.87 X 10 <sup>8</sup> PFU/mL	NEG
Influenza B Lee/40 <sup>b</sup>	1.69 X 10 <sup>8</sup> PFU/mL	NEG
Influenza B Yamagata/16/88 <sup>b</sup>	1.69 X 10 <sup>8</sup> PFU/mL	NEG
Influenza B Victoria/2/87 <sup>b</sup>	1.28 X 10 <sup>8</sup> PFU/mL	NEG
Influenza B Texas/6/11 <sup>b</sup>	2.62 X 10 <sup>8</sup> PFU/mL	NEG
Influenza B Colorado/6/17 <sup>b</sup>	3.22 X 10 <sup>8</sup> PFU/mL	NEG
Influenza B Florida/02/06 <sup>b</sup>	2.62 X 10 <sup>8</sup> PFU/mL	NEG
Enterovirus type 68 09/2014 Isolate 4 <sup>b</sup>	2.44 X 10 <sup>8</sup> PFU/mL	NEG
Respiratory syncytial virus A <sup>b</sup>	2.62 X 10 <sup>8</sup> PFU/mL	NEG
Respiratory syncytial virus B <sup>b</sup>	3.45 X 10 <sup>8</sup> PFU/mL	NEG
Rhinovirus 1A <sup>b</sup>	2.44 X 10 <sup>8</sup> PFU/mL	NEG
Rhinovirus A16 <sup>b</sup>	8.68 X 10 <sup>8</sup> PFU/mL	NEG
Rhinovirus B42 <sup>b</sup>	7.24 X 10 <sup>8</sup> PFU/mL	NEG
Haemophilus influenzae (NCCP 13815) <sup>a</sup>	N/A	NEG

**Microbial interference**  
For microorganism that did not cross-react, additional microbial testing was performed and no microbial interference was found.

**Endogenous / exogenous interference substances studies**  
There was no interference on the test result from potentially interfering substances listed below. SARS-CoV-2 positive and negative samples were tested.

Potential interfering substance	Concentration	Results
Whole blood (EDTA)	4%	NEG
Mucin	0.5%	NEG
Chloraseptic (Menthol/Benzocaine)	1.5 mg/mL	NEG
Naso GEL (NeilMed)	5% v/v	NEG
CVS Health Nasal Drops (Phenylephrine)	15% v/v	NEG
Afrin (Oxymetazoline)	15% v/v	NEG
CVS Health Oxymetazoline	15% v/v	NEG
CVS Health Nasal Spray (Cromolyn)	15% v/v	NEG
Zicam	5% v/v	NEG
Homeopathic (Alkaloid)	1:10 dilution	NEG
Sore Throat Phenol Spray	15% v/v	NEG
Tobramycin	4 µg/mL	NEG
Mupirocin	10 mg/mL	NEG
CVS Health Fluticasone Propionate	5% v/v	NEG
Tamiflu (Osetamivir Phosphate)	5 mg/mL	NEG

b) Results from interference testing with SARS-CoV-2 positive samples:

Potential interfering substance	Concentration	Viral strain level <sup>a</sup>	Results <sup>b</sup>
Whole blood (EDTA)	4%	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Mucin	0.5%	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Chloraseptic (Menthol/Benzocaine)	1.5 mg/mL	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Naso GEL (NeilMed)	5% v/v	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
CVS Health Nasal Drops (Phenylephrine)	15% v/v	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Afrin (Oxymetazoline)	15% v/v	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
CVS Health Oxymetazoline	15% v/v	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
CVS Health Nasal Spray (Cromolyn)	15% v/v	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Zicam	5% v/v	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Homeopathic (Alkaloid)	1:10 dilution	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Sore Throat Phenol Spray	15% v/v	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Tobramycin	4 µg/mL	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Mupirocin	10 mg/mL	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
CVS Health Fluticasone Propionate	5% v/v	SARS-CoV-2 cultured virus media <sup>a</sup>	POS
Tamiflu (Osetamivir Phosphate)	5 mg/mL	SARS-CoV-2 cultured virus media <sup>a</sup>	POS

e) In multiples of LoD  
f) Detected X/3  
g) Dilution 2.78 X 10<sup>-2</sup> TCID<sub>50</sub>/mL

**High-dose hook effect**  
SARS-CoV-2 cultured virus was spiked into negative clinical matrix. SARS-CoV-2 cultured virus did not show hook-effect up to 1 x 10<sup>12</sup> TCID<sub>50</sub>/mL.

### REFERENCES

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# STANDARD Q COVID-19 Ag Nasal Test

STANDARD™ Q COVID-19 Ag Nasal Test  
For prescription use only  
For in vitro diagnostic use only  
PLEASE READ CAREFULLY BEFORE YOU PERFORM THE TEST

## INTENDED USE

The STANDARD Q COVID-19 Ag Nasal Test is a lateral flow rapid chromatographic immunoassay for the qualitative detection of nucleocapsid antigen to SARS-CoV-2 present in human nasal samples. This test is intended for use, as an aid in detection of SARS-CoV-2 infection in individuals suspected of COVID-19 with clinical symptoms onset within 5 days. Results are for the identification of SARS-CoV-2 nucleocapsid antigen. Antigen is generally detectable in human nasal swab samples during the acute phase of infection. Positive results indicate the presence of viral antigens, but clinical correlation with patient history and other diagnostic information is necessary to determine infection status. Positive results do not rule out bacterial infection or co-infection with other viruses. The agent detected may not be the definite cause of disease. Negative results should be treated as presumptive, and do not rule out SARS-CoV-2 infection and should not be used as the sole basis for treatment or patient management decisions, including infection control decisions. Negative results should be considered in the context of a patient's recent exposures, history and the presence of clinical signs and symptoms consistent with COVID-19, and confirmed with a molecular assay, if necessary, for patient management.

The STANDARD Q COVID-19 Ag Nasal Test is intended for use in laboratory or POC settings by healthcare professionals, or self-collection under the supervision of a healthcare worker.

## INTRODUCTION

Coronaviruses can cause a variety of acute and chronic diseases. Common signs of a person infected with a coronavirus include respiratory symptoms, fever, cough, shortness of breath, and dyspnea. In more severe cases, infection can cause pneumonia, severe acute respiratory syndrome, kidney failure, and even death. In late 2019 a new coronavirus, later named SARS-CoV-2