

For the qualitative detection of the nucleocapsid protein antigen from SARS-CoV-2 in anterior nares swab specimens

For in vitro diagnostic use only.

A symbols glossary can be found on quidel.com/glossary.



The QuickVue SARS Antigen Test is a lateral flow immunoassay that allows for the rapid, qualitative detection of the nucleocapsid protein antigen from SARS-CoV-2 in anterior nares (NS) swab specimens directly from individuals who are suspected of COVID-19 by their healthcare provider within the first five days of the onset of symptoms.

The QuickVue SARS Antigen test does not differentiate between SARS-CoV and SARS-CoV-2.

Results are for the identification of SARS-CoV-2 nucleocapsid protein antigen. Antigen is generally detectable in anterior nares specimens 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. Laboratories are required to report all results to the appropriate public health authorities.

Negative results should be treated as presumptive and confirmation with a molecular assay, if necessary, for patient management, may be performed. Negative results do not rule out COVID-19 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.

The QuickVue SARS Antigen test is intended for use by trained clinical laboratory personnel and individuals trained in point of care settings.

SUMMARY AND EXPLANATION

SARS-CoV-2, also known as the COVID-19 virus, was first identified in Wuhan, Hubei Province, China in December 2019. This virus, as with the novel coronavirus SARS-1 and MERS, is thought to have originated in bats, however the SARS-CoV-2 may have had an intermediary host such as pangolins, pigs or civets. The WHO declared that COVID-19 was a pandemic on March 11, 2020, and human infection has spread globally, with hundreds of thousands of confirmed infections and deaths. The median incubation time is estimated to be 5.1 days with symptoms expected to be present within 12 days of infection. The symptoms of COVID-19 are similar to other viral respiratory diseases and include fever, cough and shortness of breath.

PRINCIPLE OF THE PROCEDURE

The QuickVue SARS Antigen test employs lateral flow immunoassay technology. Using this test allows for the rapid detection of nucleocapsid protein from SARS-CoV and SARS-CoV-2. This test allows for the detection of SARS-CoV and SARS-CoV-2 but does not differentiate between the two viruses.

To begin the test, a lyophilized reagent must be rehydrated in the Reagent Tube. This reagent facilitates exposure of the appropriate viral antigens to the antibodies used in the test. The Reagent is first rehydrated with the provided Reagent Solution, and the swab specimen is then inserted into the Reagent Tube. This Reagent interacts with the specimen and facilitates exposure of the appropriate viral antigens to the antibodies used in the test. The Test Strip is added to the Reagent Tube now containing the specimen and Reagent Solution.

If the extracted specimen contains SARS-CoV or SARS-CoV-2 antigens, a pink-to-red Test Line, along with a blue procedural Control Line will appear on the Test Strip indicating a positive result. If SARS-CoV or SARS-CoV-2 is not present, or is present at very low levels, only a blue procedural Control Line will appear.

REAGENTS AND MATERIALS SUPPLIED

25-Test Kit:

- Individually Packaged Test Strips (25): Monoclonal anti-SARS antibodies
- Reagent Tubes (25): Lyophilized buffer with detergents and reducing agents
- Reagent Solution (25): Vials with 340 μL salt solution
- Sterile Nasal Swabs (Kit #20396) (25)
- SARS Positive Control Swab (1): Swab is coated with non-infectious recombinant SARS antigens
- Negative Control Swab (1): Swab is coated with heat-inactivated, non-infectious Streptococcus C antigen
- Package Insert (1)
- Quick Reference Instructions (1)

MATERIALS NOT SUPPLIED

- Timer or watch
- QuickVue SARS Antigen Control Swab Set for additional QC (20389)
- Dry transport tube (SKU # 20385) (25). Store at room temperature.

WARNINGS AND PRECAUTIONS

- For *in vitro* diagnostic use
- For prescription use only
- This product has been authorized only for the detection of proteins from SARS-CoV-2, not for any other viruses or pathogens.
- Do not use the kit contents beyond the expiration date printed on the outside of the box.
- Wear suitable protective clothing, gloves (nitrile or latex), and eye/face protection when handling patient samples or used kit components.
- The Reagent Solution contains a salt solution (saline). If the solution contacts the skin or eye, flush with copious amounts of water.
- Do not reuse the used Test Strip, Reagent Tubes, solutions, or Control Swabs.
- The Test Strip must remain sealed in the protective foil pouch until use. The user should never open the foil pouch of the Test Strip exposing it to the ambient environment until the Test Strip is ready for immediate use. If the test strip is open for an hour or longer, invalid test result may occur.
- The QuickVue SARS Antigen Test must only be used with the lyophilized buffer and reagent solution provided in the kit.

- Proper specimen collection, storage, and transport are critical to the performance of this test. Seek specific training or guidance if you are not experienced with specimen collection and handling procedures.^{5,6,7,8}
- When collecting a nasal swab sample, use the nasal swab provided in the kit (Kit #20396)
- Inadequate or inappropriate specimen collection, storage, and transport may yield false negative test results.
- To obtain accurate results, you must follow the Package Insert instructions.
- Individuals with color-impaired vision may not be able to adequately interpret test results.
- Testing should be performed in an area with adequate ventilation.
- Dispose of containers and unused contents in accordance with Federal, State and Local regulatory requirements.
- Wash hands thoroughly after handling.
- For additional information on safety, handling, and disposal of the components within this kit, please refer to the Safety Data Sheet (SDS) located at quidel.com.

KIT STORAGE AND STABILITY

Store the kit at room temperature, 59°F to 86°F (15°C to 30°C), out of direct sunlight. Kit contents are stable until the expiration date printed on the outer box. Do not freeze.

SPECIMEN COLLECTION AND HANDLING

Proper specimen collection and handling is critical to the performance of this test. 5,6,7,8

Specimen Collection

Nasal Swab Sample:

Use the nasal swab supplied in the kit.

Prior to collecting the nasal swab, the patient should be instructed to blow their nose. To collect a nasal swab sample, insert the entire absorbent tip of the swab usually ½ to ¾ of an inch (1 to 1.5 cm) inside the nostril and firmly sample the nasal wall by rotating the swab in a circular path against the nasal wall at least 4 times. Take approximately 15 seconds to collect the sample. Be sure to collect any nasal drainage that may be present on the swab. Sample both nostrils with same swab.

Sample Transport and Storage

Samples should be tested as soon as possible after collection. Based on data generated with the QuickVue SARS Antigen Test, nasal swabs are stable for up to 120-hours at room temperature or 2° to 8°C in a clean, dry transport tube.

QUALITY CONTROL

There are two primary types of Quality Control for this device: the built-in control features defined below and the external controls.

Built-in Control Features

The QuickVue SARS Antigen test contains built-in procedural control features. The manufacturer's recommendation for daily control is to document these built-in procedural controls for the first sample tested each day.

The two-color result format provides a simple interpretation for positive and negative results. The appearance of a blue procedural Control Line provides positive control by demonstrating sufficient flow has occurred and

the functional integrity of the Test Strip was maintained. **If a blue procedural Control Line does not develop** within 10 minutes on the Test Strip, then the test result is invalid.

External Quality Control

External Controls may also be used to demonstrate that the reagents and assay procedure perform properly.

Quidel recommends that positive and negative controls be run once for each untrained operator, once for each new shipment of kits — provided that each different lot received in the shipment is tested — and as deemed additionally necessary by your internal quality control procedures, and in accordance with local, state and federal regulations or accreditation requirements.

The Test Procedure described in the Package Insert should be used when testing the external controls.

If the controls do not perform as expected, repeat the test or contact Quidel Technical Support before testing patient specimens.

Additional Control Swabs may be obtained separately by contacting Quidel's Customer Support Services at (800) 874.1517 (toll-free in the U.S.A.) or (858) 552.1100.

TEST PROCEDURE

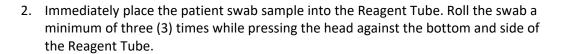
Test materials and clinical specimens must be at room temperature before beginning the assay.

Expiration date: Check expiration on each individual test package or outer box before using. *Do not use any* test past the expiration date on the label.

Nasal Swab Test Procedure

1. Add the Reagent Solution to the Reagent Tube. Gently swirl the tube to dissolve its contents.

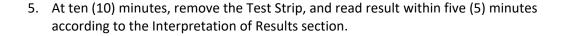
NOTE: The Reagent Tube should remain in the tube holder for the entirety of the testing.



Keep swab in the tube for one (1) minute.

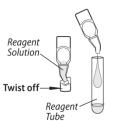
Incorrect or invalid results may occur if the incubation time is too short or too long.

- 3. Express all liquid from the swab head by rolling the swab a minimum of three (3) as the swab is being removed. Discard the swab in accordance with your biohazard waste disposal protocol.
- 4. Place the Test Strip into the Reagent Tube with the arrows pointing down. Do not handle or move the Test Strip until the test is complete and ready for reading.





Test strips should be read between 10-15 minutes after placing into the Reagent Tube. False positive, false negative or invalid results may occur if the strip is read beyond the recommended time period.



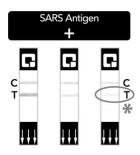




INTERPRETATION OF RESULTS

Positive Result*:

At ten (10) minutes, the appearance of **ANY shade of a pink-to-red Test Line AND** the appearance of a blue procedural Control Line indicates a positive result for the presence of SARS antigen. Results will remain stable for five (5) minutes after the recommended read time. Do not read the result more than fifteen minutes after placing into the Reagent Tube.



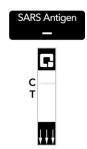
*Look closely! This is a positive result. Even if you see a very faint, pink Test Line and a blue Control Line, you must report the result as POSITIVE.

C = Control Line T = Test Line

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Negative Result:**

At ten (10) minutes, the appearance of **ONLY the blue procedural Control Line** indicates SARS antigen was not detected. Results will remain stable for five (5) minutes after the recommended read time. Do not read the result more than fifteen minutes after placing into the Reagent Tube.

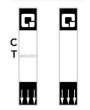


**A negative result does not exclude SARS-CoV-2 infection. Negative results should be treated as presumptive may need to be confirmed with a molecular assay.

Invalid Result:

If at ten (10) minutes, the blue procedural Control Line does not appear, even if any shade of a pink-to-red Test Line appears, the result is invalid.

If at ten (10) minutes, the background color does not clear and it interferes with the reading of the test, the result is also invalid.



If the result is invalid, a new test should be performed with a new patient sample and a new Test Strip.

LIMITATIONS

- The test is intended for direct swab specimens only. Viral Transport Media (VTM) should not be used with this test as it may cause false results.
- The contents of this kit are to be used only for the qualitative detection of SARS antigens from anterior nares nasal swab specimens.
- A negative test result may occur if the level of antigen in a sample is below the detection limit of the test or if the sample was collected improperly.

^{*}A positive result does not rule out co-infections with other pathogens.

- This test detects both viable (live) and non-viable, SARS-CoV, and SARS-CoV-2. Test performance depends on the amount of virus (antigen) in the sample and may or may not correlate with viral culture results performed on the same sample.
- Failure to follow the Test Procedure and Interpretation of Results may adversely affect test performance and/or invalidate the Test Results.
- Test Results must be evaluated in conjunction with other clinical data available to the physician.
- Negative test results are not intended to rule in other non-SARS viral or bacterial infections.
- Positive test results do not rule out co-infections with other pathogens.
- Negative results should be treated as presumptive, and confirmation with a molecular assay, if necessary for patient management, may be performed.
- If the differentiation of specific SARS viruses and strains is needed, additional testing, in consultation with state or local public health departments, is required.
- The performance of this device has not been assessed in a population vaccinated against COVID-19.

CLINICAL PERFORMANCE

The QuickVue SARS Antigen Test was compared to a Reference Extracted EUA SARS-CoV-2 RT-PCR Assay using frozen and fresh matched anterior nares swab specimens.

One hundred fifty-six (156) matched anterior nares swab specimens from patients suspected of having COVID-19 within five days of symptom onset were obtained from three (3) US collection sites. The specimens were sent on cold packs to the Quidel laboratory in Athens, Ohio. The Reference Extracted SARS-CoV-2 RT-PCR Assay testing was performed on one of the matching swabs according to the device's instructions for use. Fifty-six (56) of the remaining swabs were frozen at -70°C prior to testing with the QuickVue SARS Antigen Test. On the day of QuickVue testing the swabs were thawed and tested with the QuickVue SARS Antigen Test. One hundred (100) swabs were tested fresh, within 24-hours of collection, with the QuickVue SARS Antigen Test.

Thirty-eight (38) matched anterior nares swab specimens from patients suspected of having COVID-19 within five days of symptom onset were obtained from an on-going prospective clinical study at three (3) POC sites, with two (2) minimally trained operators per POC site. One swab was tested at the POC site with the QuickVue SARS Antigen Test by six minimally trained operators on the day of collection. The Operators were provided only the test instructions and quick reference guide. The matching swabs were sent on cold packs to the Quidel laboratory in Athens, Ohio for SARS-CoV-2 RT-PCR testing. The Reference Extracted SARS-CoV-2 RT-PCR Assay testing was performed on the matching swabs according to the device's instructions for use.

The table below summarizes the data from the fresh (138) and frozen (56) specimens:

Comparison of QuickVue SARS Antigen Test and an authorized EUA Molecular comparator assay										
	with matched anterior nares swabs									
Specimen	Number	True	False	True	False	PPA%	NPA%	DDA OE9/ CI	NDA OE9/ CI	
Туре	Tested	Positive	Positive	Negative	Negative	PPA%	NPA%	PPA 95% CI	NPA 95% CI	
Fresh	138	138	30	1	106	1	96.8 99.1	83.8 to	04.0 +0.00.9	
Specimens			30	1	100	1	96.8	99.1	99.4	94.9 to 99.8
Frozen	56	zen	26	0	29	1	96.3	100	81.7 to	88.3 to 100
Specimens		20	U	29	1	96.3 100	99.3	88.5 (0 100		
Combined	l 194	104 56 1 125	2	06.6	00.3	88.3 to	06.0 +0.00.0			
Specimens		56	1	135	2	96.6 99.3	99.0	96.0 to 99.9		

ANALYTICAL PERFORMANCE

Limit of Detection

The Limit of Detection (LoD) of the QuickVue SARS Antigen Test was determined using limiting dilutions of heat-inactivated SARS-CoV-2 (ZeptoMetrix 0810587CFHI). The ZeptoMetrix material is a preparation of SARS-Related Coronavirus 2 (SARS-CoV-2), isolate USA-WA1/2020, that has been inactivated by heating at 65°C for 30-minutes. The material was supplied frozen at a concentration of $1.15 \times 10^7 \text{ TCID}_{50}/\text{mL}$.

The study to determine the QuickVue SARS Antigen Test LoD was designed to reflect the assay when using direct swabs. In this study an anterior nares swab was spiked with approximately 50-µL of the virus dilution in saline. The spiked swab was added to the QuickVue SARS Antigen Test extractant concurrently to a NS swab containing NS matrix. The swabs were processed concurrently according to the package insert.

The LoD was determined in three steps:

1. LoD Screening

10-fold dilutions of the heat inactivated virus were made in saline and processed for each study as described above. These dilutions were tested in triplicate. The lowest concentration demonstrating 3 of 3 positives was chosen for LoD range finding. Based on this testing, the concentration chosen was $TCID_{50}$ of 1.51×10^4 .

2. LoD Range Finding

Three (3) doubling dilutions were made of the 1.51×10^4 concentration in saline processed for the study as described above. These dilutions were tested in triplicate. The lowest concentration demonstrating 3 of 3 positives was chosen for LoD confirmation. Based on this testing the concentration chosen was 7.57×10^3 .

3. LoD Confirmation

The concentration 7.57×10^3 dilution was tested twenty (20) times. Twenty (20) of twenty (20) results were positive. Based on this testing the concentration was confirmed as TCID₅₀ of 7.57×10^3 .

Analytical Reactivity/Inclusivity

The analytical reactivity of the monoclonal antibodies targeting SARS-CoV-2 in the QuickVue SARS Antigen Test were evaluated with a currently available SAR-CoV-2 strain (see table below).

2019-nCoV Strain/Isolate	Source/Sample Type	Concentration
USA-WA1/2020	ZeptoMetrix 0810587CFHI	1.15 x10 ⁷ TCID ₅₀ /mL

Cross-Reactivity

Cross-reactivity of the monoclonal antibodies used for the detection of SARS-CoV-2 was evaluated by testing various microorganisms (12) and viruses (16) that may potentially cross-react with the QuickVue SARS Antigen Test. Each organism and virus were tested in triplicate. The final concentration of the organisms and viruses are documented in the table below:

Cross-Reactivity/Interference of QuickVue SARS Antigen Test						
Virus/Bacteria/Parasite*	Strain	Source/ Sample type	Concentration	Cross-Reactivity Results*	Interference Results*	
Adenovirus	Type 1	Isolate	1 x 10 ^{5.53} U/mL	No Cross-Reactivity	No Interference	
Coronavirus	229e	Isolate	1 x 10 ^{5.10} U/mL	No Cross-Reactivity	No Interference	

	Cross-Reactivit	y/Interference	of QuickVue SARS A	ntigen Test	
Virus/Bacteria/Parasite*	Strain	Source/ Sample type	Concentration	Cross-Reactivity Results*	Interference Results*
Coronavirus	OC43	Isolate	9.55 x 10 ⁵ TCID ₅₀ /mL	No Cross-Reactivity	No Interference
Coronavirus	NL63	Isolate	5 x 10 ^{3.67} U/mL	No Cross-Reactivity	No Interference
MERS-CoV (heat-inactivated)	Florida/USA- 2_Saudi Arabia_2014	Isolate	1.17 x 10 ⁵ TCID ₅₀ /mL	No Cross-Reactivity	No Interference
Mycoplasma pneumoniae	M129	Isolate	3 x 10 ⁶ CCU/mL	No Cross-Reactivity	No Interference
Streptococcus pyogenes	Z018	Isolate	3.8 x 10 ⁶ cfu/mL	No Cross-Reactivity	No Interference
Influenza A H3N2	Brisbane/10/07	Isolate	1 x 10 ^{5.07} U/mL	No Cross-Reactivity	No Interference
Influenza A H1N1	New Caledonia/20/99	Isolate	1 x 10 ^{5.66} U/mL	No Cross-Reactivity	No Interference
Influenza B	Brisbane/33/08	Isolate	1 x 10 ^{5.15} U/mL	No Cross-Reactivity	No Interference
Parainfluenza	Type 1	Isolate	1 x 10 ^{5.01} U/mL	No Cross-Reactivity	No Interference
Parainfluenza	Type 2	Isolate	1 x 10 ^{5.34} U/mL	No Cross-Reactivity	No Interference
Parainfluenza	Type 3	Isolate	8.5 x 10 ⁵ TCID ₅₀ /mL	No Cross-Reactivity	No Interference
Parainfluenza	Type 4b	Isolate	1 x 10 ^{5.53} U/mL	No Cross-Reactivity	No Interference
Enterovirus	Type 68	Isolate	1 x 10 ^{5.5} U/mL	No Cross-Reactivity	No Interference
Human Metapneumovirus	A1 (IA10-s003)	Isolate	1 x 10 ^{5.55} U/mL	No Cross-Reactivity	No Interference
Respiratory Syncytial Virus	Type A (3/2015 Isolate #3)	Isolate	1 x 10 ^{5.62} U/mL	No Cross-Reactivity	No Interference
Human Rhinovirus	N/A	Inactivated virus	***Not available	No Cross-Reactivity	No Interference
Chlamydophila pneumoniae	AR-39	Isolate	2.9 x 10 ⁶ IFU/mL	No Cross-Reactivity	No Interference
Haemophilus influenzae	Type b; Eagan	Isolate	7.87 x 10 ⁶ cfu/mL	No Cross-Reactivity	No Interference
Legionella pneumophila	Philadelphia	Isolate	6.82 x 10 ⁶ cfu/mL	No Cross-Reactivity	No Interference
Streptococcus pneumoniae	Z022; 19f	Isolate	2.26 x 10 ⁶ cfu/mL	No Cross-Reactivity	No Interference
Bordetella pertussis	A639	Isolate	6.37 x 10 ⁶ cfu/mL	No Cross-Reactivity	No Interference
Pneumocystis jirovecii-S. cerevisiae Recombinant	W303-Pji	Isolate	1.56 x 10 ⁶ cfu/mL	No Cross-Reactivity	No Interference
Mycobacterium tuberculosis	H37Ra-1	Isolate	6.86 x 10 ⁷ cfu/mL	No Cross-Reactivity	No Interference
Staphylococcus epidermidis	MRSE; RP62A	Isolate	1.21 x 10 ¹⁰ cfu/mL	No Cross-Reactivity	No Interference
Staphylococcus aureus MSSA	NCTC 8325	Isolate	5.5 x 10 ⁹ cfu/mL	No Cross-Reactivity	No Interference
Staphylococcus aureus MRSA	0801638	Isolate	1.38 x 10 ¹⁰ cfu/mL	No Cross-Reactivity	No Interference

Coronavirus HKU1 was not tested for cross-reactivity due to lack of availability. 19 specimens containing Coronavirus HKU1 were tested and all resulted as negative, additional cross-reactivity wet testing was not required.

^{*} Testing was performed in triplicate

^{**} CCU/mL is Color Changing Units as calculated according to a modified Reed-Muench method based on dilutions which produced a color change in the broth.

^{***} The stock is inactivated virus with no quantitation provided.

^{****} IFU/mL is infectious units per milliliter

Hook Effect:

As part of the LoD study the highest concentration of heat-inactivated SARS-CoV-2 stock available ($9.08 \times 10^5 \text{ TCID}_{50}$ /mL) was tested. There was no Hook effect detected.

Endogenous Interference Substances Studies:

A study was performed to demonstrate that twenty (20) potentially interfering substances that may be found in the upper respiratory tract do not cross-react or interfere with the detection of SARS-CoV-2 in the QuickVue SARS Antigen Test.

Potentially Interfering Substances for QuickVue SARS Antigen Test						
Substance Active Ingredient		Concentration	Cross-Reactivity Results*	Interference Results*		
Afrin – nasal spray	Oxymetazoline	5%	No Cross-Reactivity	No Interference		
Homeopathic (Alkalol)	Galphimia glauca, Luffa operculate, Sabadilla	10X	No Cross-Reactivity	No Interference		
Blood (human)	Blood	5%	No Cross-Reactivity	No Interference		
Chloraseptic, Cepacol	Benzocaine, Menthol	0.7 g/mL	No Cross-Reactivity	No Interference		
CVS throat spray	Phenol	1.4%	No Cross-Reactivity	No Interference		
Flonase	Fluticasone	5%	No Cross-Reactivity	No Interference		
Halls Relief Cherry Flavor	Menthol	0.8 g/mL	No Cross-Reactivity	No Interference		
Mupirocin Ointment	Mupirocin	2% w/w	No Cross-Reactivity	No Interference		
Nasocort Allergy 24 hour	Triamcinolone	5.00%	No Cross-Reactivity	No Interference		
NasalCrom Spray	Cromolyn Sodium	5.2mg	No Cross-Reactivity	No Interference		
NeilMed SinuFlow Ready Rinse	Sodium chloride, Sodium bicarbonate	Not available**	No Cross-Reactivity	No Interference		
NeilMed SinuFrin Plus	Oyxmetazoline HCl	0.05%	No Cross-Reactivity	No Interference		
Neo-Synephrine	Phenylephrine hydrochloride	5%	No Cross-Reactivity	No Interference		
Oseltamivir	Oseltamivir	2.2 μg/mL	No Cross-Reactivity	No Interference		
Purified mucin protein	Mucin protein	2.5 mg/mL	No Cross-Reactivity	No Interference		
Rhinocort	Budesonide (Glucocorticoid)	5%	No Cross-Reactivity	No Interference		
Saline nasal spray	Saline	15%	No Cross-Reactivity	No Interference		
Tobramycin	Tobramycin	1.25 mg/mL	No Cross-Reactivity	No Interference		
Zanamivir	Zanamivir	282.0 ng/mL	No Cross-Reactivity	No Interference		
Zicam Cold Remedy Galphimia glauca, Lu operculata, Sabadilli		5%	No Cross-Reactivity	No Interference		

^{*} Testing was performed in triplicate

ASSISTANCE

If you have any questions regarding the use of this product or to report a product problem, please call Quidel's Technical Support Number 800.874.1517 (in the U.S.) or 858.552.1100, Monday through Friday, from 7:00 a.m. to 5:00 p.m., Pacific Time. If outside the U.S., contact your local distributor or technicalsupport@quidel.com.

^{**} No concentration was provided in the product labeling

Country	Phone	E-Mail Address	
Europa Middle East and Africa	+353 (91) 412 474 (main)	emeatechnicalsupport@quidel.com	
Europe, Middle East and Africa	0 1800 200441 (toll free)		
Austria	+43 316 231239		
France	0 (805) 371674		
Germany	+49 (0) 7154 1593912		
Netherlands	0 800 0224198		
Switzerland	0 800 554864		
United Kingdom	0 800 3688248		
Italy	+39 (800) 620 549		
North America, Asia-Pacific, Latin	858.552.1100	technicalsupport@quidel.com	
America			
Canada	437.266.1704 (main)	technical support@quidel.com	
Callada	888.415.8764 (toll free)		
China	0400 920 9366 or	chinatechnicalservice@guidel.com	
Cillia	+86 021 3217 8300	cimatecimicalservice@quider.com	

REFERENCES

- 1. Baker, S., Frias, L., and Bendix, A. Coronavirus live updates: More than 92,000 people have been infected and at least 3,100 have died. The US has reported 6 deaths. Here's everything we know. Business Insider. March 03, 2020.
- 2. https://www.who.int/emergencies/diseases/novel-coronavirus-2019/events-as-they-happen
- 3. Clinical and Laboratory Standards Institute. Viral Culture; Approved Guidelines. CLSI document M41-A [ISBN 1562386239] Clinical and Laboratory Standards Institute, 940 West Valley Road, Suite 1400, Wayne, Pennsylvania 19087-1898, USA 2006.
- 4. Lauer, S.A., et. al. The incubation period of Coronavirus disease 2019 (COVID-19) from publicly reported confirmed cases: estimation and application, Ann Intern Med. 2020
- 5. Biosafety in Microbiological and Biomedical Laboratories, 5th Edition. U.S. Department of Health and Human Services, CDC, NIH, Washington, DC (2007).
- 6. Henretig F.M. MD, King C. MD. Textbook of Pediatric Procedures, Chapter 123 Obtaining Biologic Specimens Williams and Williams (April 1997).
- 7. The Clinical Virology Laboratory, Department of Laboratory Medicine at Yale:http://info.med.yale.edu/labmed/virology/booklet.html.
- 8. Australian Management Plan for Pandemic Influenza Section 5 Annex 5: Laboratory Guidelines.



20396 – QuickVue SARS Antigen Test, 25 Test Kit (Nasal Swab)





EC REP

MDSS GmbH Schiffgraben 41 30175 Hannover, Germany



Quidel Corporation 10165 McKellar Court San Diego, CA 92121 USA quidel.com





MDD 93/42/EEC



Emergo Europe Prinsessegracht 20, 2514 AP The Hague, The Netherlands



Puritan Medical Products Company LLC 31 School Street Guilford, Maine 04443-0149 USA

1468701EN00 (04/21)

GLOSSARY

REF	(€
Catalogue number	CE mark of conformity
EC REP	LOT
Authorized Representative in the European Community	Batch code
Use by	Manufacturer
	(iu)
Temperature limitation	Intended use
$P_{\!X}$ only	<u>i</u>
Prescription use only	Consult instructions for use
IVD	$\sqrt{\Sigma}$ 25
For <i>In Vitro</i> diagnostic use	Contains sufficient for 25 determinations
CONT	CONTROL +
Contents/Contains	Positive control
CONTROL -	**
Negative control	Keep away from direct sunlight