

# **SARS-CoV-2** Antigen Rapid Test Kits for Self-testing

(Colloidal Gold Immunochromatography)

SARS-CoV-2 C Cost Antigen Rapid Test Kits (or Self-tosting) (Polloidal Gold Immunochromatography)

E./'080\$4

SARS-CoV-2 C € 6007 Antigen Rapid Test Kits (Or Self-testing) (Colloidal Gold Immunochromatography)

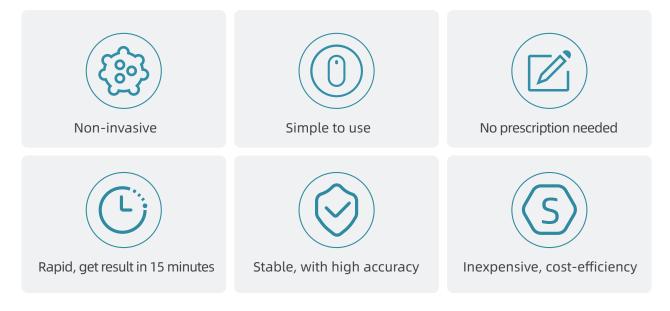
5 Tests For In Vitro Diagnostic Use Only

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This product is a rapid, lateral flow immunoassay intended for the qualitative detection of SARS-CoV-2 nucleocapsid antigens from anterior nasal swabs that are self-collected by an individual aged 18 years or older or are collected by an adult from an individual younger than 18 years old. This test is intended for use in individuals with symptoms or other epidemiological reasons to suspect a COVID-19 infection. This product is intended to be used as an aid in the diagnosis of SARS-CoV-2 infection.

#### **Product Feature**





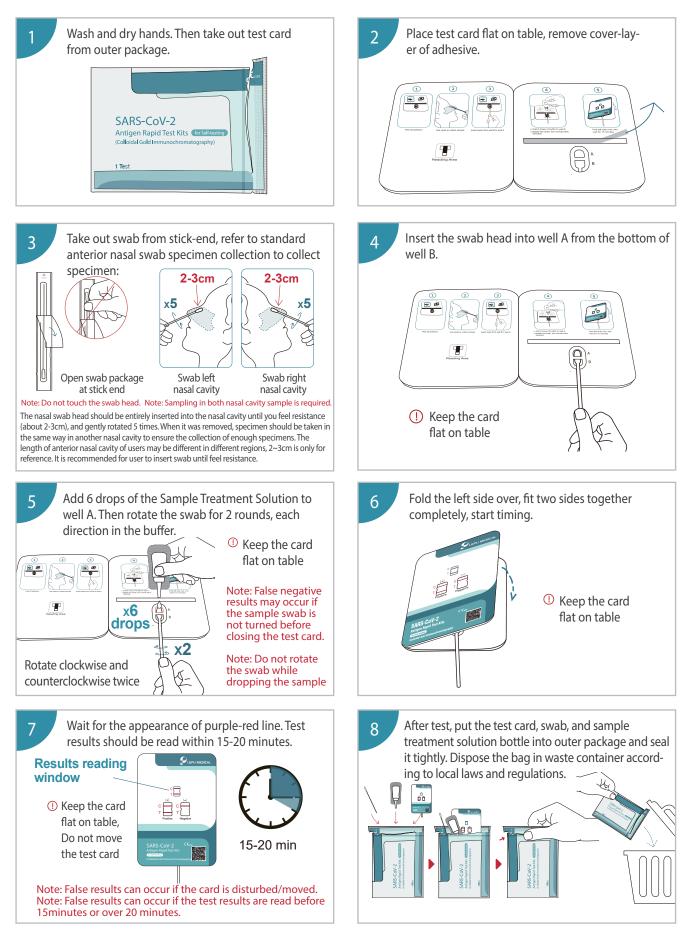
# **Clinical performance**

The clinical performance study for SARS-CoV-2 Antigen Rapid Test Kit was conducted in Germany. A total of 222 clinical samples were used to perform the test. The positive and negative samples were all confirmed by PCR. The diagnostic sensitivity and diagnostic specificity of the product was 95.9% (90.8-98.2%) and 100% (96.3-100.0%) respectively.

Results with correlation to Ct value of the positive samples were shown in the table below

Ct Value	Diagnostic sensitivity	95%CI
≤ 30	96.2 %	88.3-98.7%
≤ 32	96.0 %	90.0-98.4%
≤ 34	95.5%	90.0-98.1%
≤ 36	95.9 %	90.8- 98.2%

#### **Operating Steps**

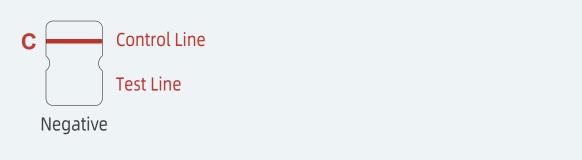


#### **Interpretation of Test Results**

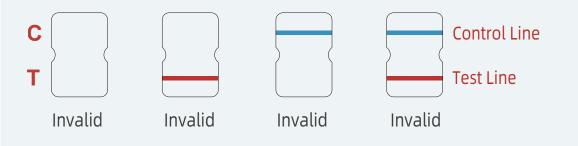
•Positive (+): A purple-red band appears in the Control Line (C) and Test Line (T).



•Negative (-): Only the Control Line (C) shows a purple-red band. No purple-red band appears in the Test Line (T).



•Invalid: If "no purple-red band appears in Control Line (C)" and "a blue band appears in the Control Line (C)", it indicates that the operation process is incorrect or the test paper has been damaged. In this case, please read the instruction manual carefully again and retest with a new test paper. If the problem persists, please stop using this batch of products immediately and contact your local supplier.



## **Product specifications**

















Self-testing

Test Site

Airport

Corporation Mass Screening

#### 

## SARS-CoV-2 Antigen Rapid Test Kits for Self-testing (Colloidal Gold Immunochromatography)

test/kit, 5 tests	st/kit, 5 tests/kit, 10 tests/kit, 25 tests/kit, 50 tests/kit		
No.	Catalogue number	Spec.	
1	CG3601	1 test/kit	
2	CG3605	5 texts kit	
3	CG3610	10 texts/kit	
4	CG3625	25 tests/kit	
5	CG3650	50 texts/kit	

SARS-CoV-2 Antigen Rapid Test Kits for Self-testing (Colloidal Gold Immunochromatography)	
[Intended Use]	

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#### [Main Components]

The product includes test cards, instruction for use, operation card, disposable sterile swabs and sample treatment solution. Each reagent kit contains 1 novel coronavirus (SARS-CoV-2) antigen test card and 1 bag of descarat.

desaccam. Disposable sterile swab information: Nasal Swab could be provided based on cust

Natal Swah could be provided based on customer's requirement.

 Name
 Application

 Disposable sterile swab information
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Spec.	Test card	Instruction manual	Operation card	Sample treatment solution	Swabs
1 test / kit	1 text	1	1	300µl×1	1 piece
Stexts / kit	5 texts	1	1	300 µl+5	5 pieces
10 tests / kit	10 texts	1	1	300 µl×10	10 piece
25 tests / kit	25 texts	1	1	300 µl+25	25 piece
50 texts / kit	50 texts	1		300 ul×50	50 miece

Toti card consists of paper addi, test strip, sample ved mal adhesive tape. The test strip, sample well behavior approximation of the paper additional test of the particular strip and the particul [General description]

Learners an osser prices IN SARS-CV-3 range Mayol Test Kits for Self-testing (Calloidal Gold Immunchnomatography contains To ore elements for operation: - For cash. Test each which is hook-changed hanged test eardboard containing the test strip (for single use) Sample Testiment Soldions Burtle containing sample treatment solution (for single use) Naad Swaths Sensitive should for single use)





1 Test Card 1 Seab
[Material required but not provided]
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See package and for date of manufacture and expiration.

[appendiment needjuarements] This fork this studies for testing human anterior nasal was opecinens: Specimen collection: During the collection process, relevant personnel should be well potected to avoid direct contact with the opeciment. In case of accidental contact, timely disinfection should be contact of the opeciments. The accidence of the operation of Anterior massl swab specimen collection: During sampling, the usual swab head should be entirely incerted into the nasal cavity until you feel resistance (about 2-3cm), and gently rotated 5 times. When it was removed, specimens should be taken in the same way in the other nasal cavity to ensure the collection of enough specimens.



[Test Method] Please read the instruction for use completely before performing any test, and use the reagents and specimer

1. Wash and dry hands. Then take out test card from out

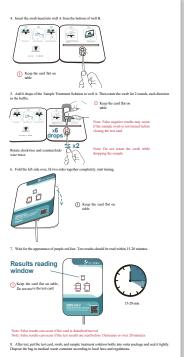


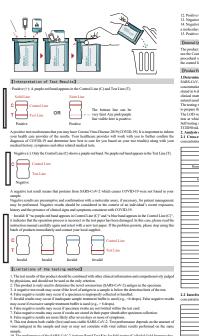


el resistance (about 2-3cm), and me way in another nasal cavity ions 2-3cm is only for ref



Note: Sampling





sample. 10. The performance of the SARS-GoV-2 Arrigon Rapid Test Kirs for Self-testing (Colloidal Gold Immunochus-matography) was evaluated using the proceedines provided in this product insert only. Modifications to these procedures may alter the performance of the test. 11. The presence of high concentration mupirocin may interfere with the product and may cause false positive only.

12. Positive test results do not rule out co-inflections with other pathogens. 13. Negative test results are not intended to nule in other non-SARS wird or bacterial in 14. Negative results do not rule out COUTD-19 indication and it may be necessary to ob a molecular assoy, if needed for patient management. 15. Positive test results do not melli ent COUTD-19 indication and it may be necessary to the an observation for addifferentiate between SARS-COV and SARS-COV-2. [Internal Quality Control]

[Internal quality Control] The products has To Fails (1) fund a Control Lise (C) on the arrange of the tost card. Nother the Test Line (T) nor the Control Line (C) is visible in the result vision' before applying a specimes. The control line is used for the control line are visible, the product of the test procedure is performed popelity and the tost reagants of [Product Performance Index]

[Product Performance Index] Determination of the Lind of Detection SARS-CoV-2. Adapting Displic Tex Refs. Since of detection (LAD) wave, detectional by evaluating different SARS-CoV-2. Adapting Displic Tex Refs. Since of detection (LAD) wave, detection of the specific of the detection of the specific detection and adapting Displic detection of the specific of the detection of the specific detection and adapting Displic detection of the specific detection of the programmer and an advantation of the specific detection of the specific detection of the programmer detection of the specific detection of the specifi

of specificity reaction: No cross-reactivity was seen with the follo

Potential Cross-Reactant	Test Concentration
Haman coronavirus OC43	10° TCID50 mL
Human coronavirus 229E	10 <sup>e</sup> TCID50inL
Human coronavirus NL63	10 <sup>+</sup> TCID50inL
coronavirus HKU1 recombinant N protein	50µg/mL
adenovirus	10° TCID50 mL
luran metapacumovirus (hMPV)	10 <sup>4</sup> TCID50 mL
RS coronavirus recombinant N protein	S0us/mL
Parainfluenza virus 1	10 <sup>7</sup> TCID50/mL
Parainfluenza virus 2	10 <sup>1</sup> TCID50inL
Parainfluenza virus 3	10° TCID50inL
Parainfluenza virus 4	10 <sup>7</sup> TCID50inL
Influenza A	10 <sup>s</sup> TCID50inL
Influenza B	10° TCID50inL
Enterovirus (EV68)	10 <sup>7</sup> TCID50inL
Respiratory syncytial virus	10 <sup>°</sup> TCID50 mL
Rhinovirus	10° TCID50inL
Measles virus	10 <sup>+</sup> TCID50inL
Varicella zoster virus	10 <sup>+</sup> TCID50inL
Hacmorshikas influenzae	10 <sup>°</sup> CFU/mL
Chlamydia precumoriae	10° CFU/mL
Lerionella rneumophila	10 <sup>°</sup> CFU/mL
Mycobacterium tuberculosis	10° CFU/mL
Streptococcus meumoriae	10° CFU/mL
Streptococcus progenes	10° CFU/mL
Bordetella pertussia	10° CFU/mL
Mycoplasma pneumoniae	10 <sup>6</sup> CFU/mL
Candida albicans	10° CFU/mL
Staphylococcus epidermidis	10° CFU/mL
Starbylococcus aureus	10° CFU/mL
Pneumocystis giraldii	10° CFU/mL
Staphylococcus salivarius	10 <sup>°</sup> CFU/mL
Combined human nasal Lotion	/

ing substances: No interfere n presented in the table below

Potential Interfering substances	Test Concentration
Mucin	0.5%
Human whole blood	4%
HAMA	60 ng/mL
Biotin	1.2µg/mL
Benzocaine	2 mg/ml.
Zanarnivir	18µg/mL
Ribavirin	25µg/mL
Lopinavir	20µg/L
Ritonavir	18µg/mL
Acetylsalicylic acid	2 mg/dL
Iburnolon	25 maidl

Phenylephrine	15%
Oxazole (nasal spray)	15%
Fluticasone	5%
Sodium chloride (containing preservatives)	10 mg/m
Beclomethasone	2µg/mL
Badevonide	4ng/mL
Mometasone	2ng/mL
Strepsils (flarbiprofen 8.75mg)	5%
Throat candy (Mint)	5%
Naso GEL (NeilMed)	5%

The clinical performance study for SARS-GV-2 Antigen Rapid Text Kit was conducted in of PC22 clinical samples were used to perform the text. The positive and negative samples as PCR. The diagnostic sensitivity and diagnostic specificitiy of the product was 95.9% (90.83 (96.3-100.0%)) respectively. Results with correlation to C v take of the positive samples were shown in the table below.

≤ 32 ≤ 34 ≤ 36

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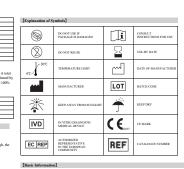
6. Before testing, please wash hands or wear clean gloves. 7. Please do not use the test card with damaged card bag packaging, unclear marking or beyond the

/ resuse do not use the text card with dhamagid card hag packaging, unclear marking or boyond the explansion date.
 8. As text card should be used within 1 hour attriv it is active on from the almutum full hug.
 9. Users shall take assigned according to the shourch manual. Indeduce or improprise tamples collection may be indequered on the goal of appropriate amples collection collapse.
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27. It is suggested that the test should be performed in the company of people with normal vision for abornal color vision users.



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[Date of Approval and Revision of the Manual]

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