

新冠抗原检测试剂产品手册 Product Manual of COVID-19 Antigen Detection Kit

> 诺迦(杭州)生物工程有限公司 New Gene (Hangzhou) Bioengineering Co., Ltd.

COMPANY PROFILE

New Gene (Hangzhou) Bioengineering Co., Ltd. is located in Hangzhou, China. It is a high-tech company engaged in the research, development, manufacture and distribution of biological products. It is committed to creating biological materials such as antigens and antibodies, in vitro diagnostic reagents and related devices, and also the complete industrial chain of artificial intelligence assisted diagnosis system. The product line covers a full range of in vitro diagnostic products such as immune diagnosis, molecular diagnosis, and microbiological testing. NEWGENE has profound technical accumulation and unique technological advantages in the areas of early cancer screening, rapid detection of infectious diseases, and rapid screening of geriatric diseases.

NEWGENE's manufacturing system meets GMP standards for medical devices, and is certified with ISO13485 by British BSI. Relevant in vitro diagnostic reagent products have obtained the EU CE certification. NEWGENE is also a member on the "allow list" issued by Chinese Ministry of Commerce for anti-epidemic products exporting.

At present, NEWGENE COVID-19 Antigen Detection Kit has registered in many countries, including *Germany, France, Italy, Switzerland, Belgium, Austria, Spain, Portugal, Czech, Denmark, Hungary, Greece, Romania, Poland, Sweden, Norway, Moldova, Peru, Argentina, Ecuador, Malaysia, Thailand, Brunei, Congo, Kenya, Zimbabwe, South Africa etc., and passed the clinical verification of multiple national laboratories. The products are suitable for children under 14 years old.*

















CE CERTIFICATE – REGISTRATION LETTER





EC Certificate No. 1434-IVDD-476/2021

EC Design-examination
Directive 98/79/EC concerning
in vitro diagnostic medical devices

Polish Centre for Testing and Certification certifies that manufactured by:

New Gene (Hangzhou) Bioengineering Co., Ltd.
Room 1606, Floor 16, Building 5, 688 Bin'an Road, Changhe Street,
Binjiang District, Hangzhou City, Zhejiang Province,
P. R. China

in vitro diagnostic medical devices for self-testing

The list of medical devices covered by this certificate is provided in the annex I

in terms of design documentation, comply with requirements of Annex III (Section 6) to Directive 98/79/EC (as amended) implemented into Polish law, as evidenced by the audit conducted by the PCBC Validity of the Certificate: from 01.12.2021 to 27.05.2024

The date of issue of the Certificate: 01.12.2021

The date of the first issue of the Certificate: 11.08.2021

C E 1434

Issued under the Contract No. MD-116/2021 Application No: 381/2021 Certificate bears the qualified signature. Warsaw, 01.12.2021 Module A1 Anna Małgorzata Wyroba

Elektronicznie podpisany przez Anna Małgorzata Wyroba Data: 2021.12.01 17:43:33 +01'00' Vice-President





DECLARATION OF CONFORMITY

Regarding In Vitro Diagnostic Directive (98/79/EC)

Manufacturer:

New Gene (Hangzhou) Bioengineering Co., Ltd.

Address:

Room 1606, Floor 16, Building 5, 688 Bin'an Road, Changhe Street,

Binjiang District, Hangzhou City, Zhejiang Province, P. R. China

EC Representative:

SUNGO Europe B.V.

Address:

Olympisch Stadion 24, 1076DE Amsterdam, Netherlands

EC Certificate No.:

1434-IVDD-476/2021

Product Name:

COVID-19 Antigen Detection Kit - Nasal Swab

Specification:

1Test/Box, 5Tests/Box, 25Tests/Box

Classification:

Self Test (IVDD)

Conformity Assessment

Procedure:

Annex III (Section 6) to Directive 98/79/EC

We herewith declare that the above-mentioned products meet the requirements of In Vitro

Diagnostic Directive (98/79/EC) and the following harmonized standards.

EN 23640-2015

EN 13640:2002

EN 13612:2002

EN 13641:2002

301081009

EN ISO 14971:2019

LIVISO 101

Signature:

Name/ Position: Mingfu Li / General Manager

Date: 01/12/2021

Place: Hangzhou, Zhejiang, China

bsi.



Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 13485:2016

This is to certify that: New Gene (Hangzhou)

Bioengineering Co., Ltd.

Room 1606,16th Floor, No.5 Building

688 Bin'an Road Binjiang District Hangzhou Zhejiang

310052 China 诺迦(杭州)生物工程有限公司

中国 浙江省 杭州市

滨江区 长河街道滨安路688号

5幢16层1606室 邮编: 310052

Holds Certificate No: MD 729179

and operates a Quality Management System which complies with the requirements of ISO 13485:2016 for the following scope:

Design and Development, Manufacture and Distribution of In-vitro Diagnostic Rapid Test Kit of Drug Abuse, Manufacture and Distribution of In-vitro Diagnostic Rapid Test Kit of Infectious Diseases.

药物滥用体外诊断快速检测试剂盒的设计,开发,制造和销售,传染病体外诊断快速检测试剂 盒的制造和销售。

Gary C Stade

For and on behalf of BSI:

Gary E Slack, Senior Vice President - Medical Devices

Original Registration Date: 2020-07-27 Effective Date: 2020-07-27 Latest Revision Date: 2020-07-27 Expiry Date: 2023-07-26

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bsi.



...making excellence a habit."







COVID-19 Antigen Detection Kit - Nasal Swab

No.	Components	25 Tests/Box	5 Tests/Box	1 Test/Box
1	Test Card	25	5	1
2	Sample Extraction Tube & Tube Cap	25	5	1
3	Sampling Swab: for Nasal Swab	25	5	1
4	Package Insert	1	5	1

25 Tests/Box



5 Tests/Box





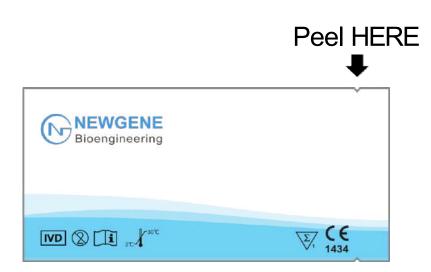








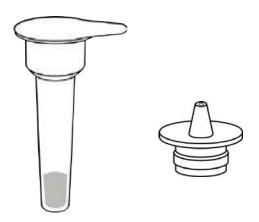
COMPONENTS



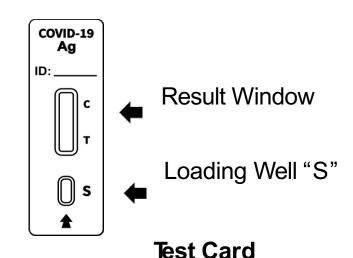
Aluminum Foil Pouch



Desiccant (Discard it. Do not open)



Sample Extraction Tube & Tube Cap





C € 1434

Instructions for Use COVID-19 Antigen Detection Kit

(Packed in the pouch)

EN

For self-test use / Suitable for non-professionals to conduct self-test.

PRECAUTIONS BEFORE USING THE PRODUCT

- 1. Read the instructions carefully prior to first use.
- For people who are not able to perform the test themselves, the test should be conducted by the legal guardians.
- For children under the age of 15, the self-test should be conducted under adult supervision.
- This test detects SARS-CoV-2 antigen in nasal cavity secretions, which is collected by a sterile nasal swab.
- For people who has recent nasal trauma or surgery, or has severe coagulopathy, gentle operation is required for nasal swab collection to avoid injuries to the nose.
- Please use the components provided in the kit for testing.
 Do not use components from other sources.
- Please use this product in a place with sufficient light, so as to interpret the results accurately.

PRECAUTIONS AFTER USING THE PRODUCT

- If you get a positive result, please contact your family doctor, or seek help from a professional medical facility as soon as possible. You need a nucleic acid test to confirm viral infection.
- A negative result cannot completely exclude the possibility of viral infection. Incorrect sampling or low viral load may also cause a false negative result.

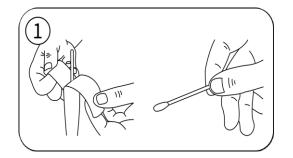
Instructions for Use

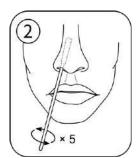


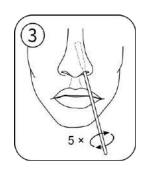
Sampling Swab

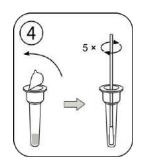


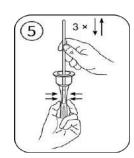
TEST PROCEDURES

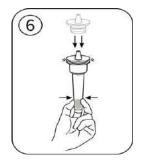


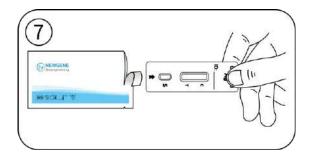


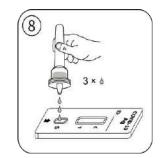








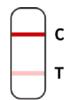






INTERPRETATION OF RESULTS





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

A white band at the T line should be considered as a negative result.



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: If no red band appears at C line, it indicates that the test result is invalid.

Retest with another test card.

CE CERTIFICATE – CIBG REGISTRATION LETTER





> Retouradres Postbus 16114 2500 BC Den Haag

SUNGO Europe B.V. T.a.v. de heer R. Luo Olympisch Stadion 24 1076 DE Amsterdam

Datum: 1 oktober 2020

Betreft: aanmelding In-vitro diagnostica

Geachte heer Luo,

Op 30 september 2020 ontving ik uw notificatie krachtens artikel 4, eerste lid van het Nederlandse Besluit in-vitro diagnostica (BIVD) om onder de bedrijfsnaam New Gene (Hangzhou) Bioengineering Co., Ltd. met Europees gemachtigde SUNGO Europe B.V. onderstaande producten als in-vitro diagnostica op de Correspondentie uitsluitend Europese markt te brengen.

De producten staan geregistreerd als in-vitro diagnostica onder nummer:

COVID-19 / Influenza A / Influenza B Detection Kit (geen merknaam) (NL-CA002-2020-53701) COVID-19 Antibody / Antigen Detection Kit (geen merknaam) (NL-CA002-2020-53700) **COVID-19 Antigen Detection Kit** (geen merknaam) (NL-CA002-2020-53699) **COVID-19 Neutralizing Antibody Detection Kit** (geen merknaam) (NL-CA002-2020-53702) Novel Coronavirus Ribonucleic Acid Detection Kit (geen merknaam) (NL-CA002-2020-53698)

Hiermee heeft u voldaan aan uw verplichting op grond van artikel 4, BIVD.

In alle verdere correspondentie betreffende bovenvermelde producten verzoek ik u deze nummers te vermelden. Aan deze nummers kunnen geen verdere rechten ontleend worden, ze dienen alleen om de notificatie administratief te vergemakkelijken.

De registratie van in-vitro diagnostica als medisch hulpmiddel op grond van de Classificatiecriteria (Bijlage II) bij Richtlijn 98/79/EG betreffende medische hulpmiddelen voor in-vitro diagnostiek is onderhevig aan mogelijke revisies van Europese regelgeving inzake de classificatie van medische hulpmiddelen en aan voortschrijdend wetenschappelijk inzicht (zie artikel artikel 10, eerste lid van Richtlijn 98/79/EG).

Farmatec

Bezoekadres: Hoftoren Rijnstraat 50 2515 XP Den Haag

T 070 340 6161

http://hulpmiddelen.farmatec.nl

Inlichtingen bii: M. Schmitz - Konte

medische_hulpmiddelen@ minvws.nl

Ons kenmerk: CIBG-20204772

Bijlagen

richten aan het retouradres met vermelding van de datum en het kenmerk van deze brief.

Pagina 1 van 2

CE CERTIFICATE – CIBG REGISTRATION LETTER



Notificatie van in-vitro diagnostische medische hulpmiddelen impliceert dat de fabrikant, New Gene (Hangzhou) Bioengineering Co., Ltd. de CE-conformiteitsmarkering heeft aangebracht op de desbetreffende producten alvorens deze in een EU-lidstaat in de handel te brengen. Zodoende garandeert SUNGO Europe B.V. dat de in-vitro diagnostica voldoen aan de essentiële eisen zoals opgenomen in bijlage I bij Richtlijn 98/79/EG (en in het daarmee corresponderende onderdeel 1 bij het besluit)

Volledigheidshalve wijzen wij u erop dat een in-vitro diagnosticum moet voldoen aan de eisen uit het BIVD. Het BIVD is gebaseerd op Richtlijn voor in-vitro diagnostiek, 98/79/EG. Met name wijzen wij u op de Nederlandse-taaleis zoals deze in Nederland geldt, de eisen voor het ter beschikking houden van de technische documentatie en de plicht tot het hebben van een Post Marketing Surveillance- en vigilantiesysteem.

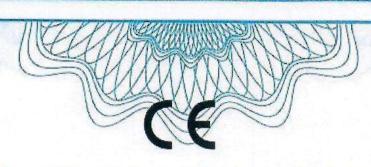
Tot slot merk ik op dat met uw notificatie - de administratieve notificatie als fabrikant - en deze brief geen sprake is van een oordeel over de status of kwalificatie van uw product: notificering betekent niet dat daadwerkelijk sprake is van een in-vitro diagnosticum in de zin van de onderhavige wet- en regelgeving. In voorkomende gevallen kan de Inspectie Gezondheidszorg en Jeugd (IGJ), belast met het toezicht op de naleving van het bij of krachtens de wet bepaalde, een standpunt innemen over de status van een product, waarbij het volgens vaste jurisprudentie uiteindelijk aan de nationale rechter is om te bepalen of een product onder de definitie van in-vitro diagnosticum valt.

De Minister voor Medische Zorg en Sport, namens deze,

Afdelingshoofd Farmatec

Dr. M.J. van de Velde





DECLARATION OF CONFORMITY

Regarding In Vitro Diagnostic Directive (98/79/EC)

Manufacturer: New Gene (Hangzhou) Bioengineering Co., Ltd.

Address: Room 1606, Floor 16, Building 5, 688 Bin'an Road, Changhe Street, Binjiang

District, Hangzhou City, Zhejiang Province, P. R. China

EC Representative:

SUNGO Europe B.V.

Address:

Olympisch Stadion 24, 1076DE Amsterdam,

Netherlands

Product Name:

COVID-19 Antigen Detection Kit

Product Code:

COVID-19-NG08

Specification:

25Tests/Box 1Test/Box

Classification:

Others (IVDD)

Conformity Assessment

Procedure:

Annex III of In Vitro Diagnostic Directive (98/79/EC)

We herewith declare that the above-mentioned products meet the requirements of In Vitro Diagnostic Directive (98/79/EC) and the following harmonized standards.

EN 23640-2015

EN 13640:2002

EN 980:2016

EN 13641:2002

EN ISO 14971:2019

EN ISO 18113-9'20 4 of SUNGO Europe office, I confirmed we are EN ISO 18113-4 2011

EN 13612:2002

Signature:

Name/ Position: Mingfu Li / General Manager

Authorized Signature (S)

Date: 29/09/2020

Place: Hangzhou, Zhejiang, China



COVID-19 Antigen Detection Kit

(Nasal Swab)

For Professional Use

No.	Components	25 Tests/Box	5 Tests/Box	1 Test/Box
1	Test Card	25	5	1
2	Sample Extraction Tube & Tube Cap	25	5	1
3	Sampling Swab: for Nasal Swab	25	5	1
4	Package Insert	1	5	1







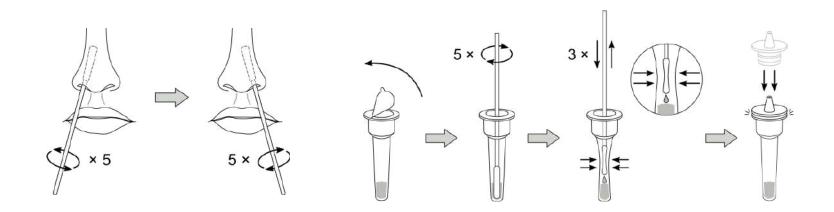




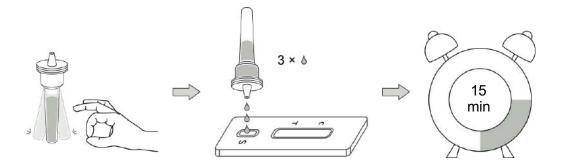




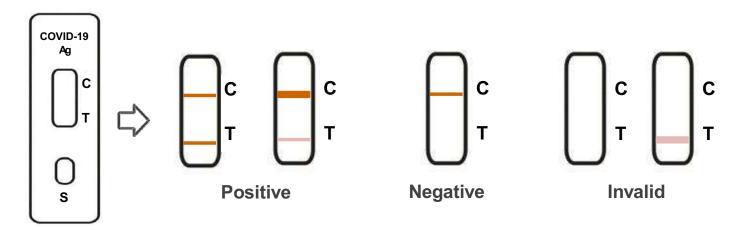
Test Procedures: Sampling



Test Procedures: Detection



Interpretation of Results



Positive(+): Red bands appear at both of T and C line in 15 to 30 minutes. Awhite band at the T line should be considered as a negative result.

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.

Performance

Sensitivity	Specificity
97.1%	99.2%



COVID-19 Antigen Detection Kit

(Nasopharyngeal Swab)

For Professional Use

No.	Components	25 Tests/Box	5 Tests/Box	1 Test/Box
1	Test Card	25	5	1
2	Sample Extraction Tube & Tube Cap	25	5	1
3	Sampling Swab: for Nasopharyngeal Swab	25	5	1
4	Package Insert	1	5	1

25 Tests/Box













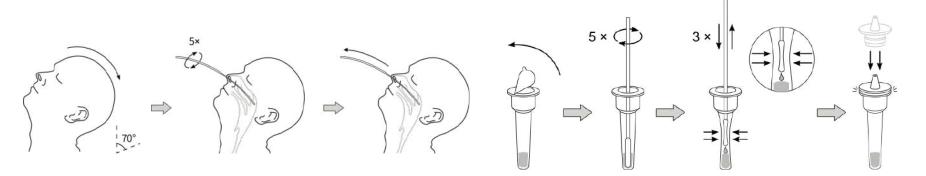




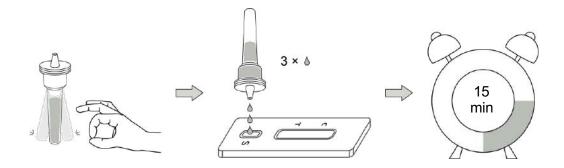




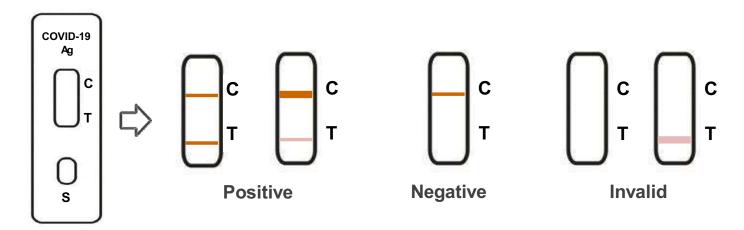
Test Procedures: Sampling



Test Procedures: Detection



Interpretation of Results



Positive(+): Red bands appear at both of T and C line in 15 to 30 minutes. Awhite band at the T line should be considered as a negative result.

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.

Performance

Sensitivity	Specificity
98.0%	99.1%



COVID-19 Antigen Detection Kit

(Oropharyngeal Swab)

For Professional Use

No.	Components	25 Tests/Box	5 Tests/Box	1 Test/Box
1	Test Card	25	5	1
2	Sample Extraction Tube & Tube Cap	25	5	1
3	Sampling Swab: for Oropharyngeal Swab	25	5	1
4	Package Insert	1	5	1





5 Tests/Box











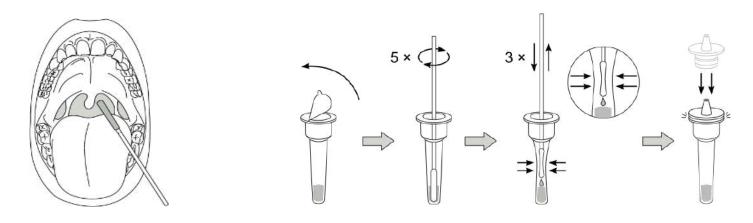




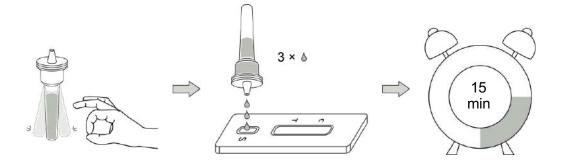




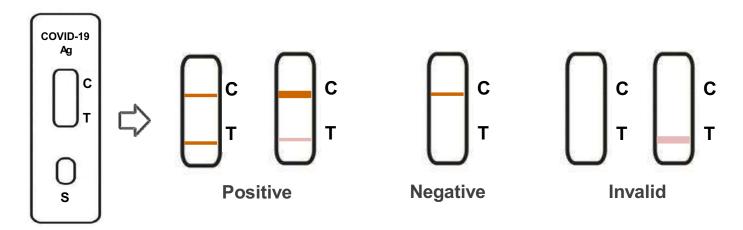
Test Procedures: Sampling



Test Procedures: Detection



Interpretation of Results



Positive(+): Red bands appear at both of T and C line in 15 to 30 minutes. Awhite band at the T line should be considered as a negative result.

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.

Performance

Sensitivity	Specificity
95.7%	99.0%



COVID-19 Antigen Detection Kit

(Saliva)

For Professional Use

No.	Components	25 Tests/Box	5 Tests/Box	1 Test/Box
1	Test Card	25	5	1
2	Sample Extraction Tube & Tube Cap	25	5	1
3	Paper Cup	25	5	1
4	Sputum Dropper	25	5	1
5	Package Insert	1	5	1

25 Tests/Box





5 Tests/Box



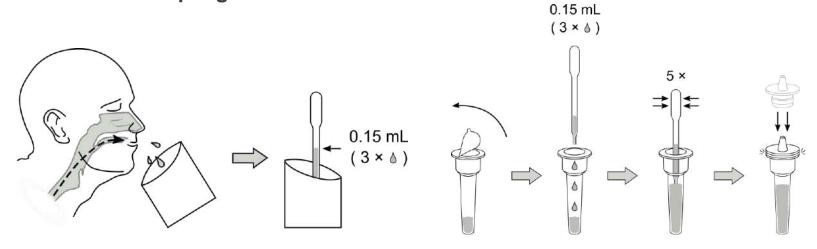




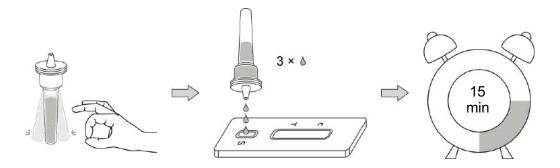




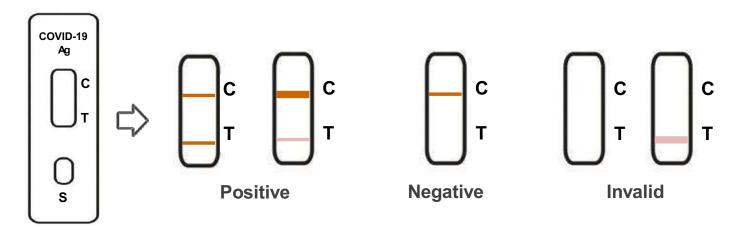
Test Procedures: Sampling



Test Procedures: Detection



Interpretation of Results



Positive(+): Red bands appear at both of T and C line in 15 to 30 minutes. Awhite band at the T line should be considered as a negative result.

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.

Performance

Sensitivity	Specificity
97.3%	99.2%

PACKAGING INFORMATION For Professional Use

Nasopharyngeal Swab: NPS

Nasal Swab: NS

Oropharyngeal Swab: OS

Saliva: S

25 Tests/Box

Sample	NPS	NPS+S	NS	NS+S	os	OS+S	S	
Box (mm)		230x120x75						
Box weight (kg)			0	.292			0.292	
Carton (mm)		530X490X410						
Carton weight (kg)		1.5						
PCS/Box		25						
Boxes/Carton		40						
PCS/Carton		1000						
Volume/Carton	0.106CBM						0.09CBM	
NW/Carton (kg)	11.7						11.7	
GW/Carton (kg)			1	3.2			13	

5 Tests/Box

Sample	S	NS	NS+S	NPS	os	NPS+S	OS+S		
Inner box (mm)	,	122x68x49			193*85*42				
Outer box (mm)	2	58X128X7	5		225*1	97*89			
Outer box weight (kg)		0.38			0.5				
Carton (mm)	550*540*410			480*420*480					
Carton weight (kg)		1.8			1.4				
PCS/Inner Boxes		5			5				
Inner Boxes/Outer Box		40		20					
PCS/Carton		1000		500					
Volume/Carton	0.122CBM			0.097CBM					
NW/Carton (kg)	15.2			10					
GW/Carton (kg)		17		11.4					

Sample	S	NS	NS+S	NPS	os	NPS+S	OS+S	
Inner box (mm)		143*83*15			170*66*15			
Inner box weight (kg)		0.027			0.0)28		
Outer box (mm)	3	305*197*88			277*18	32*112		
Outer box weight (kg)		0.64			0.83			
Carton (mm)	550*540*390			590*580*410				
Carton weight (kg)		1.7			2.2			
PCS/Inner Boxes		25		25				
Inner Boxes/Outer Box		20		20				
PCS/Carton		500		500				
Volume/Carton		0.116CBM			0.140CBM			
NW/Carton (kg)	12.8			16.6				
GW/Carton (kg)		14.5		18.8				

PACKAGING INFORMATION Self-Testing

25 Tests / Box

Sample	Nasal Swab
Box (mm)	230x120x75
Box weight (kg)	0.292
Carton (mm)	530X490X410
Carton weight (kg)	1.5
PCS/Box	25
Boxes/Carton	40
PCS/Carton	1000
Volume/Carton	0.106CBM
NW/Carton (kg)	11.7
GW/Carton (kg)	13.2

5 Tests / Box

Sample	Nasal Swab
Inner box (mm)	122x68x49
Outer box (mm)	258X128X75
Outer box weight (kg)	0.38
Carton (mm)	550X540X410
Carton weight (kg)	1.8
PCS/Inner Boxes	5
Inner Boxes/Outer Box	40
PCS/Carton	1000
Volume/Carton	0.122CBM
NW/Carton (kg)	15.2
GW/Carton (kg)	17

1 Test / Box

Sample	Nasal Swab
Inner box (mm)	122X83X15
Outer box (mm)	255X170X105
Outer box weight (kg)	0.64
Carton (mm)	550X540X390
Carton weight (kg)	1.7
PCS/Inner Boxes	25
Inner Boxes/Outer Box	20
PCS/Carton	500
Volume/Carton	0.116CBM
NW/Carton (kg)	12.8
GW/Carton (kg)	14.5



EUROPEAN COMMISSION DIRECTORATE-GENERAL FOR HEALTH AND FOOD SAFETY

Public health, country knowledge, crisis management Health Security

EU health preparedness:

A common list of COVID-19 rapid antigen tests and a common standardised set of data to be included in COVID-19 test result certificates

Agreed by the Health Security Committee

This document was agreed by the HSC on 17 February 2021

Annex I

Common list of COVID-19 rapid antigen tests

A first update was agreed by the HSC on 10 May 2021; A second update was agreed by the HSC on 16 June 2021; A third update was agreed by the HSC on 7 July 2021; A fourth update was agreed by the HSC on 14 July 2021; A fifth update was agreed by the HSC on 23 July 2021.

IMPORTANT: A (interim) grace period of 8 weeks applies whenever updates are made to Annex I, the common list of COVID-19 rapid antigen tests

SERVICE MARKETONIAN	COVID-19 Antigen Detection Kit	Yes	98% sensitivity Nasal swab	DE: Positive evaluation by Paul-Ehrlich-Institut (sensitivity of 92,5% at <ct30 100%="" and="" at<br=""><ct25)< th=""><th></th><th>DE^[2]</th><th></th><th>DE^[2]</th><th></th><th>1501</th><th>16 June 2021</th></ct25)<></ct30>		DE ^[2]		DE ^[2]		1501	16 June 2021
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Evaluation Report (Nasal Swab)

Validation protocol for the

Newgene bioengineering COVID-19 Rapid Antigen Test



Testing laboratory:

Molecular Diagnostic Laboratory Via Petrini 2 CH-6900 Lugano Switzerland

Discussion and Conclusion.

In conclusion, the Newgene antigen detection test is highly precise and accurate (100% specificity and 95.1% sensitivity), it is non-invasive and mimics the PCR results very closely where PCR is considered the golden standard technique. The device can easily be operated and used by non-medically trained personnel, does not need a laboratory setting and could be intended for regular use by regular people.

Lugano, June 18th 2021. Dr. G. Soldati CEO Molecular Diagnostic Laboratory Via Petrini 2 CH-6900 Lugano, Switzerland



Evaluation Report (Children under the age of 14)

Discussion

In the present study, the COVID-19 Antigen Detection Kit - Nasal Swab by New Gene (Hangzhou) Bioengineering Co., Ltd. has shown highly reliable performance in sample from children under the age of 14. Compared to conventional RT-PCR tests, the rapid antigen tests can meet a wider range of test needs. As the antigen tests take only 20 to 30 minutes, they are feasible for use in emergency scenarios where a test result is demanded immediately. Also, the rapid antigen tests doesn't require special instruments and training to use, they are also capable for resource limited scenarios like point-of-care testing and self-test by laypeople. Therefore, the implementation of rapid antigen test may totally change the strategies to control COVID-19. Community residents can conduct the rapid antigen test in a frequent manner, like twice or three times a week, to identify COVID-19 cases in the early stage of infection. This strategy may help to stop the transmission of COVID-19 as early as possible. In summary, the COVID-19 Antigen Detection Kit - Nasal Swab has shown satisfying sensitivity, specificity, and total accuracy in the present evaluation. It can be used as a rapid tool to assist the early diagnosis of COVID-19 cases in children under the age of 14.

Signatures

gr Ewa Miłosz Operator: HAGMOSTA LABORATORYJNY

Reviewer:

Date: 21.07.2021

Evaluation Report (Saliva)

Result Analysis:

The test results of RT-PCR and the COVID-19 Antigen Detection Kit are summarized in 2×2 table below.

		RT-PCR Reagent		Total
		Positive	Negative	1 Otai
Audinen Teed	Positive	204	0	204
Antigen Test	Negative	16	200	216
Tot	al	220	200	420

Sensitivity (%) =
$$204 \div (204 + 16) \times 100\% = 92,73\%$$
; 95% CI: $88,46\% \sim 95,79\%$

Specificity (%) =
$$200 \div (0 + 200) \times 100\% = 100,0\%$$
; 95% CI: 98,17% ~ $100,00\%$

Total accuracy (%) =
$$(204 + 200) \div (204 + 0 + 16 + 200) \times 100\% = 96,19\%$$
;

The 95% Confidence Intervals of sensitivity, specificity, and total accuracy are calculated following the binomial distribution.

Analysis results by Kappa consistency test shows that the Kappa value = 0,9239 (95% CI: 0,8875 ~ 0,9604). As Kappa≥0.75, it suggests good consistency between the COVID-19 Antigen Detection Kit and the COVID-19 RT-PCR detection reagent. Therefore, the COVID-19 Antigen Detection Kit has shown reliable performance on detecting SARS-CoV-2 virus in saliva samples from suspected COVID-19 patients.

- (+++) positive intensity of line T similar or higher than line C
- (++) positive intensity of line T lower than line C
- (+) positive border intensity of line T
- (-) negative line T is absent

Signatures

Operator:

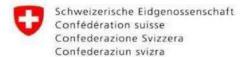
Date:

Reviewer:

Date:

12.08.2021

Self-test Approval in Switzerland



Eidgenössisches Departement des Innern EDI Bundesamt für Gesundheit BAG Taskforce BAG Covid-19 AG Testung

Sars-CoV-2-Antigen-Schnelltests zur <u>Eigenanwendung</u> (Sars-CoV-2 Selbsttest)¹
Tests rapides pour l'antigène du SARS-CoV-2 pour <u>auto-application</u> (autotest SARS-CoV-2)
Test rapidi dell'antigene SARS-CoV-2 per uso <u>proprio</u> (test autodiagnostici SARS-CoV-2)

03.09.2021

Die Schnelltests zur Eigenanwendung sind ausschliesslich für den nasalen Abstrich validiert und nur Webseite Covid-19 Testung dementsprechend anzuwenden. Informationen bezüglich des Einsatzes der Schnelltests finden Sie auf der BAG-Webseite Covid-19-Testung.

Les tests rapides pour auto-application sont validés pour les **prélèvements nasaux** uniquement et ne <u>Site internet Tests COVID-19</u> doivent donc être utilisés qu'en conséquence. Ces informations sur l'emploi prévu des tests rapides sont disponibles sur le site web de l'OFSP Tests COVID-19.

I test rapidi per uso proprio sono convalidati solo per i **tamponi nasali** e dovrebbero essere usati solo <u>Sito web Test COVID-19</u> di conseguenza.. Le informazioni su come utilizzare i test rapidi sono disponibili sul sito internet dell'UFSP «Test COVID-19».

Hersteller	Antigen Schnelltest		
Fabricant Azlenda		Tests rapides antigéniques Test antigenici rapidi	
Abbott Rapid Diagnostics	Germany	Panbio™ COVID-19 Antigen Self-Test	
ACON Biotech (Hangzhou) Co. Ltd.	China	Flowflex SARS-CoV-2 Antigen Rapid Test (Self-Testing)	
Becton, Dickinson and Company (BD)	United States	BD Kit for Rapid Detection of SARS-CoV-2	
BIOSYNEX SWISS S.A.	Switzerland	BIOSYNEX Autotest antigénique COVID-19 Ag	
Hangzhou AllTest Biotech Co., Ltd	China	ALLTEST SARS-CoV-2 Antigen Rapid Test (Nasal Swab)	
Hangzhou AllTest Biotech Co., Ltd	China	JusChek SARS-CoV-2 Antigen Rapid Test (Nasal Swab)	
New Gene (Hangzhou) Bioengineering Co., Ltd.	China	COVID-19 Antigen Detection Kit - Nasal Swab	
Roche (SD BIOSENSOR)	Switzerland	SARS-CoV-2 Rapid Antigen Test Nasal	
Siemens Healthineers	Germany	CLINITEST® Rapid COVID-19 Antigen Self-Test	
Xiamen Boson Biotech Co., Ltd.	China	Rapid SARS-CoV-2 Antigen Test Card	

Wichtige Hinweise: Information importante : Avvertenza importante:

Questo elenco comprende i test rapidi per l'antigene SARS-CoV-2 che soddisfano i requisiti dell'art. 24 dell'ordinanza 3 COVID-19 e che hanno una certificazione CE da parte di un organismo notificato come prodotto per uso proprio o un'esenzione di Swissmedic come prodotto per uso proprio.

Diese Liste beinhaltet SARS-CoV-2-Antigen-Schnelltest, welche die Anforderungen nach Art. 24 der Covid-19-Verordnung 3 erfüllen und zudem entweder eine CE-Zertifizierung als Produkt zur Eigenanwendung einer benannten Stelle besitzen oder eine Ausnahmebewilligung durch Swissmedic als Produkt zur Eigenanwendung besitzen.

Cette liste inclut les tests rapides pour la recherche de l'antigène du SARS-CoV-2 qui remplissent les exigences de l'art. 24 de l'ordonannce 3 COVID-19 et qui sont soit certifiés CE comme dispositif d'autotest par un organisme notifié ou qui ont une dérogation de Swissmedic pour l'auto-application.

Self-test Approval in Malaysia



Home / Announcement / SELF-TEST COVID-19 TEST KIT FOR CONDITIONAL APPROVAL (APPROVED)

SELF-TEST COVID-19 TEST KIT FOR CONDITIONAL APPROVAL (APPROVED)



SELF-TEST COVID-19 TEST KIT FOR CONDITIONAL APPROVAL (APPROVED)

The list of Self-Test Covid-19 Test Kit that is approved for Conditional Approval based on the decision on the consensus of the Covid-19 Test Kit Expert committee is as follows:

All test submissions are scored according to: -

- the manufacturer reported clinical and analytical performance evidence.
- . the evaluation test results from testing facilities are according to the committee evaluation criteria set by Clinical expert panels.
- Supporting Documents for COVID-19 IVD Test Kits Conditional Approval.

The use of COVID-19 self- test kit shall be limited for screening purpose only and all test results need further confirmation using RT-PCR.

This test kit can be supplied by registered pharmacists or private healthcare facilities.

Below is the list of all tests that have been selected to date and the status is Conditional Approval (please note: list is updated on a routine basis).

Notes:

*Sample type is based on testing facility evaluation report.

NO	COMPANY NAME	PRODUCT NAME	MANUFACTURER	IDENTIFIER	DETECTION	SAMPLE TYPE
11	Dewina Consult Sdn Bhd	NEWGENE Bioengineering COVID-19 Antigen Detection Kit	New Gene (Hangzhou) Bioengineering Co., Ltd. P.R. China	COVID-19-NG08	RTK-Antigen (Self-test)	Saliva or Nasal swab

Updated 13 August 2021

Self-test Approval in Thailand





BfArM of Germany

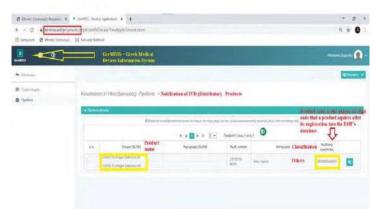


Italy

Portugal https://www.infarmed.pt/web/Infarmed/pesquisa-dispositivos



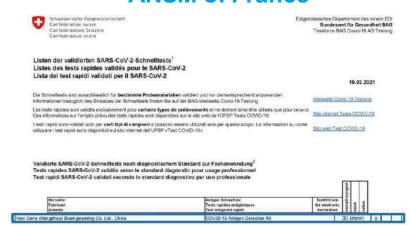
Portugal



Greece



ANSM of France



Switzerland

Žádost o notifikaci zdravotnického prostředku

Žadatel		
Registrační číslo:	054535	
Název:	Markmed s.r.	o.
ĐČ:	02478170	
Ulice:	Kubánské nár	něstí 1391
Obec:	Praha	
PSČ:	10000	
Stát:	Česká republi	ka
Identifikace zdravotnici	and the contraction	
Identifikace zdravotnici	kého prostředku	
	and the contraction	Diagnostický zdravotnický prostředek in vitro
Druh zdravotnického pr	ostředku:	Diagnostický zdravotnický prostředek in vitro Notifikace dle § 33
Druh zdravotnického pro Typ evidence zdravotnic	ostředku:	
Druh zdravotnického pr Typ evidence zdravotnic Činnost:	ostředku: kého prostředku:	Notifikace dle § 33
Druh zdravotnického pr Typ evidence zdravotnic Činnost: Obchodní název zdravot	ostředku: kého prostředku: nického prostředku:	Notifikace dle § 33 Distributor Novel Coronavirus Spike Glycoprotein Detection Kit (Ligand
Identifikace zdravotnick Druh zdravotnického pr Typ evidence zdravotnic Činnost: Obchodni název zdravot Jedná se o příslušenství- Jedná se o soupravu/sys prostředků?	ostředku: kého prostředku: nického prostředku:	Notifikace dle § 33 Distributor Novel Coronavirus Spike Glycoprotein Detection Kit (Ligand receptor Competitive Chromatography)

Czech



Az eszköz(ök) neve:

COVID-19 Antigen Detection Kit	db/doboz
tesztkazetta	25
minta extrakciós cső	25
tampon pálca	25
papir tasak	25
használati utasítás	1

A gyártó neve: New Gene (Hangzhou) Bioengineering Co.Ltd. A gyártó kódja: CN/000000053699

A meghatalmazott képviselő neve: Sungo Europe B.V. A meghatalmazott képviselő kódja: NL/492381971

A forgalmazó neve: Biosan Egészségűgyi Kereskedelmi és Szolgáltató Kft. A forgalmazó kódja: HU/10331701-2-41

Hungary



Urząd Rejestracji w Leczniczych, Wyrobów Medycznych i Produktów Biobójczych ślimskie 1810.022 Warszawa; tel. +48 22 492-11-00; fax +48 22 492-11-09 NBF 521-32-44-182 REGON 015249401

ZAŚWIADCZENIE NR 80 / 2021

Prezes Urzędu Rejestracji Produktów Leczniczych, Wyrobów Medycznych i Produktów Biobójczych

zaświadcza że:

po analizie danych pochodzących ze zgłoszeń i powiadomień, o których mowa w art. 64 ust. 1 ustawy z dnia 20 maja 2010 r. o wyrobach medycznych (Dz. U. z 2020 r. poz. 186 i 1493.) stwierdzeno, ze w dniu 29,03,020 roku wpłyneb powiadomienie od dystrybutora: Cavassi Steel sp. z o.o., Al. Jerozolimskie 89/43, 02-001 Warszziwa dotyczące:

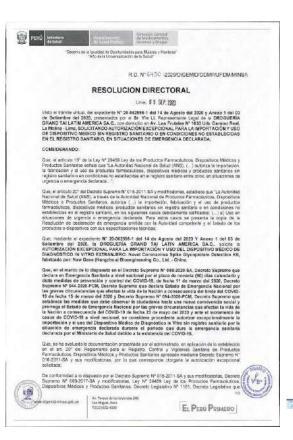
Zestaw do wykrywania antygenu COVID-19 / COVID-19 Antigen Detection Kit

Wytwórca: New Gene (Hangzhou) Bioengineering Co., Ltd. Room 1606, Floor 16, Building 5, 688 Bin'an Road, Changhe Str, 310052, Hangzhou City, Zhejiang Province, Chiny

Autoryzowany przedstawiciel: SUNGO Europe B.V. Olimpisch Stadion 24, 107DE Amsterdam, Holandia

Dystrybutor: Cavassi Steel Sp. z o.o., Al. Jerozolimskie 89/43, 02-001 Warszawa

Preses Urzędo byformuję, że wydane zabeladzonie potwierdza powiadomienie, Jednocześnie nie potwierdza, że powiadomienie zostalo sistone Jato komplene i prawidlone oraz nie rostrzyst, że we wyroby są wyrobami modycznymi do diaprastyki le vitew w rozamieniu natowy z dna z mają 2019 r. o wyrobami modycznych (Dz. U. z 2020 r. poz. 186 i 1493) ani. że spełniatą wymagania zawarte w wie satanie.



"2020 - AÑO DEL GENERAL MANUEL BELGRANO"



AUTORIZACIÓN PARA LA IMPORTACIÓN DE PRODUCTOS PARA DIAGNÓSTICO DE USO IN VITRO NO REGISTRADOS DE BAJA COMERCIALIZACIÓN DISP: 2675/99 ART. 6°

DATOS DEL SOLICITANTE

Razón Social ALCAT S.A.

Directión; INGENIERO EIFFEL 4180 "PARTIDO DE MALVINAS ARGENTINAS, EL TRIANGULO BUENOS AIRES Teléfono: 011-15-2461-2223

Nombre del producto: Novel Coronavirus Spike Glycoprotein Detection Kit (Ligand-receptor Compotitive Chromatography) Marca: NEWGENE

Marca: NEWGENE.

Indicación de uso: Este producto es adecuado para la detección cualitativa y cuantitativa del nuevo coronavirus (SARS-CoV-2) en muestras de vias respiratorias o muestras fecales. Esta tira se puede aplicar a la detección rápida de SARS-CoV-2 y es adecuada para hospitales, empresas, escuelas, tropas, comunidades y familias.

Los síntomas comunes de la infección humana con el coronavirus incluyen síntomas respiratorios, fiebre, tos, dificultad para respirar. En los casos más graves, la infección puede provocar neumonía, síndrome respiratorio agudo severo, insuficiencia renal e incluso la muerte.

Descripción: COMPOSICIÓN Tarjeta de prueba desechable; Hisopo de algodón; Tubo de extracción de muestras; Taza de muestra

PRINCIPIO El SARS-CoV-2 invade las células humanas mediante la unión específica de su

Poland

COVID-19 Antigen Detection Kit

- Nasal Swab

Peru

New Gene

(Hangzhou)

Bioengineering Co., Ltd, (China) De conformidad con el (lea) análida Henrica (e) y legar realizados para la Emisión del Certificado De inscripción En El Registro Saminiro Do Dispositivos Modicaco. De Fabricación Extensión, comercipación e i la societud Nivo 168221682(2000000088), ingressos al GRI 102000, se amilia el siguiente informe:

Datos del producto analizado

18-998 Reactives/Kits para Ensayos de DIV, Química Clínica, Encayo Rápido
DIV DIAG UU G6VIR RIII
NEW GENE (HANGZHOU) BIOENGINEERING CO., LTD.
ANDRADE PACHECO JORGE LUIS

Análisis Documental Técnico

2020-10-90 14:25:20 VERIONICA ELIZABETH PORTERO LOPEZ FERNANDO FABIAN JIMENEZ SALAZAR

Argentina

COVID-19 RAPID TESTS KITS (ART) AUTHORISED FOR USED IN BRUNEI DARUSSALAM.

The listed Covid-19 antigen rapid test kits that are recommended and authorized for use are based on the evaluation done by Ministry of Health, Brunei Dariussalam. The results of the evaluations are determined according to the clinical and analytical performance of the test kits (sensitivity and specificity claimed by the manufacturers), safety standards, quality and efficacy of the test kits.

Ministry of Health, through the Department of Laboratory Services will continue to update the list of authorized Covid-19 rapid test kits in order to ensure the supplied antigen rapid tests kits are meeting the

This list is updated as at 6 September 2021.

1	NO	PRODUCT NAME	MANUFACTURER	DETECTION	SAMPLE TYPE
	8	NEWGENE Bioengineering COVID- 19 Antigen Detection Kit	New Gene (Hangzhou) Bioengineering Co., Ltd. China	Antigen	Sputum/ Nasopharynge

Spain

Ecuador

Brunei





AUTORISATION ANNUELLE DE MISE SUR LE MARCHE D'UN DISPOSITIF MEDICAL
A USAGE DE DIAGNOSTIC IN VITRO N°MS DIR. LABO/SD/O.J.C./20.Z/

DISPOSITIF ENREGISTRE SOUS LE NºMS.DIR.LABO/D1/QAQ./20.27

Ministère de la santé représenté par la Direction des Laboratoires de Santé, autorise en République mocratique du Congo la mise sur le marché d'un **réactif** de diagnostis in vitro

1 Kit de test d'autodiagnostic du Covid-19 Newgene

Commercialisation auto test rapide d'Ag Sara-Cov2

Congo

Section 3B(2)(e) of the Pharmacy and Powone Act. Cap 244 Laws of Ken IN-VITRO DIAGNOSTIC EMERGENCY USE AUTHORIZATION This Emergency Use Authorization is assued to New Gene (Hangzhou) Bioengineering Co., Ltd., for distribution and sale of Novel Coronavirus Antigen Detection Kit (Colloidal Gold) Emergency use Authorization (EUA) No. MD/2021/7674



RE: AUTHORISATION FOR THE SALE OF COVID-19 Antigen POINT-OF-CARE TEST KIT – SARS-Cov-2 As tool Racid



