

INTRODUCTION

SARS-COV-2 Antigen Rapid Test Device For Professional Use



The SARS-COV-2 Antigen Rapid Test Device (Nasal/Throat/Anterior Nasal swab) is a rapid visual immunoassay for the qualitative, presumptive detection of COVID-19 antigens from nasal or throat specimens within the first 7 days of symptom onset.

Features



- **Specimen: Nasal / Throat / Anterior Nasal swab**
- **Fast test: 15 mins to read results**
- **Simple operation**
- **Convenient storage: 2-30°C**
- **Sensitivity: 99.09%, Specificity: 100%**
- **Efficiently detect Delta(B.1.617.2) and Omicron(B.1.1529)**

Kit Components

Individually Packed Test Devices	20 Tests	5 Tests	1 Test
Extraction solution	20 bottles	5 bottles	1 bottle
Extraction tubes	20 pcs	5 pcs	1 pc
Stirile swabs	20 pcs	5 pcs	1 pc
Work Station	1 pcs	—	—
Package Insert	1 pc	1 pc	1 pcs

Package:Cassette,1T/Box,5T/Box,20T/Box
Validity:24 months

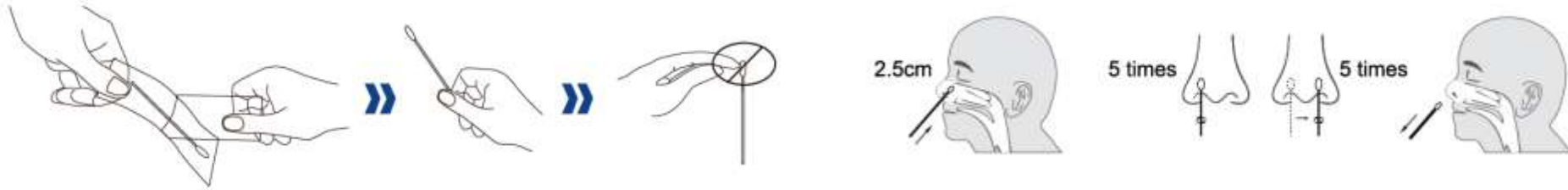
Product name	SARS-COV-2 Antigen Rapid Test Device	Automation	None,Manual
Catalog number	RCD-802	Reader Required	None,visually read
Device type	In vitro diagnostic medical device	Kit Components	Test device,Sampling swab,Extraction tube,Work Station,Instruction for use
Indended Use	For the qualitative, presumptive detection of SARS-CoV-2 nucleocapsid (N) antigen in human nasal swab specimens	Time to Result	10-15 minutes
Test Priciple	Rapid visual immunoassay	Shelf life	24 months
Qualitative/Qualitative	Qualitative	Package Size	1 test/kit,5 tests/kit,20 tests/kit
Specimen	Nasal Swab	Storage	2-30 °C,Do not freeze

Cat No.	Picture	Description	Package size	Packing information
RCD-802		<p>SARS-COV-2 Antigen Rapid Test Device Each kit contains 20 sets of test device,sampling swab,extraction tube and IFU</p>	<p>20tests/bag box folded and beside</p>	<p>1200 tests/Carton (59.5*49.5*33.5cm,G.W:17.1kgs)</p>
RCD-802		<p>SARS-COV-2 Antigen Rapid Test Device Each kit contains 20 sets of test device,sampling swab,extraction tube and IFU</p>	<p>20 tests/kit</p>	<p>1040 tests/Carton (59.5*49.5*33.5cm,G.W:13.5kgs)</p>



Test Procedure

Specimen collection



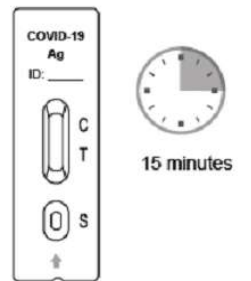
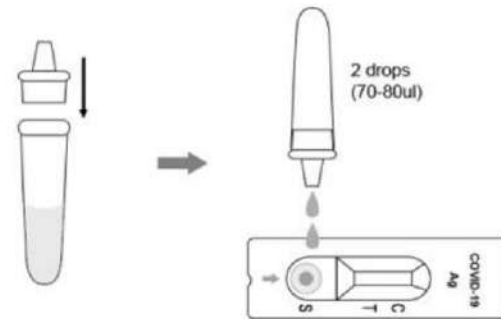
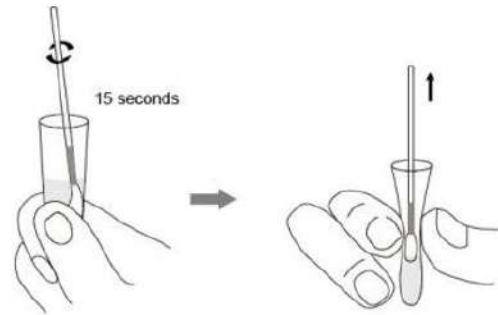
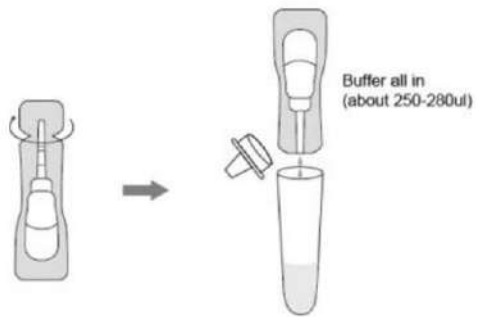
Operation procedure

① Unscrew the lip of Extraction solution and add all the extraction solution (approx. 250-280ul) into the Extraction tube.

② Put the swab into extraction tube. Press the tip against the inner edge of the extraction tube with force, while rotating the swab for 15 seconds. Try to release as much liquids possible

③ Take out the test device from the sealed pouch and lay it on a clean, level surface, put on the tube tip, add 2 drops of extracted sample

④ Read the result at 15 minutes



Interpretation of results

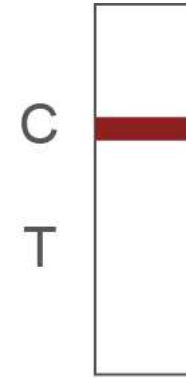
The result should be read at 15 minutes. Do not interpret the result after 30 minutes



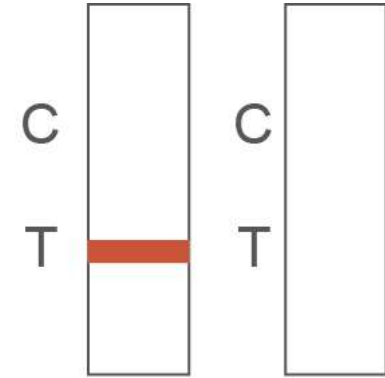
15 mins



Positive



Negative



Invalid

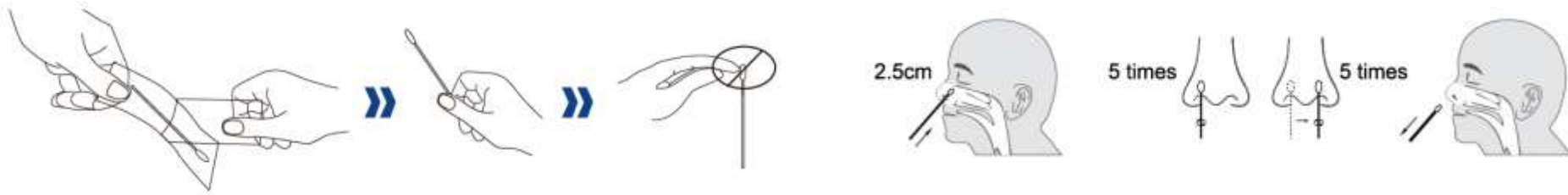
Precautions

It is intended to be used by professionals as a test and provides a preliminary test result to aid in the diagnosis of infection with novel Coronavirus.

TYPE B (Prefilled buffer Extraction tube)

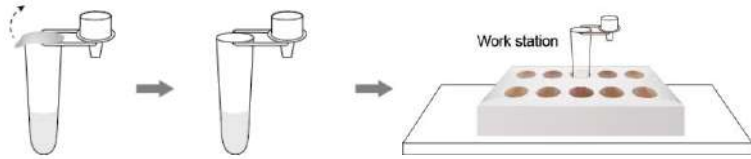


Specimen collection

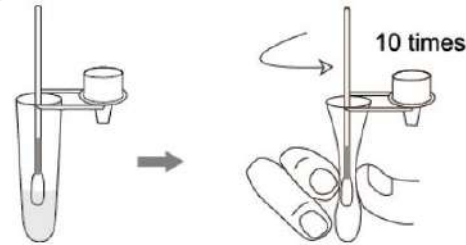


Operation procedure

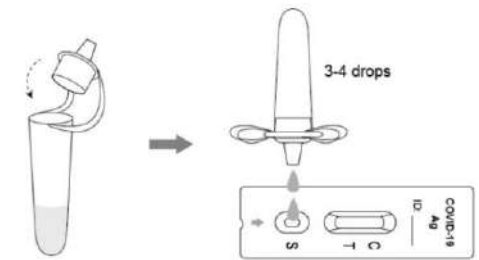
① Ripped the membrane of extraction tube, place and soak the swab into the tube.



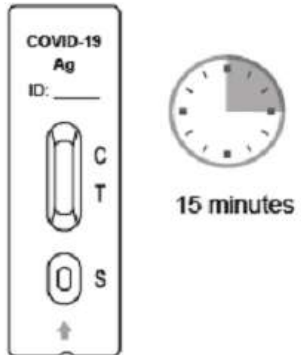
② Pick up the extraction tube and put the swab into extraction tube. Press the tip against the inner edge of the extraction tube with force, while rotating the swab for 15 seconds, Try to release as much liquids possible



③ Take out the test device from the sealed pouch and lay it on a clean, level surface, put on the tube tip, add 3-4 drops of extracted sample



④ Read the result at 15 minutes



Interpretation of results

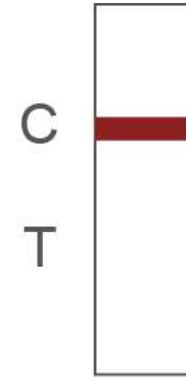
The result should be read at 15 minutes. Do not interpret the result after 30 minutes



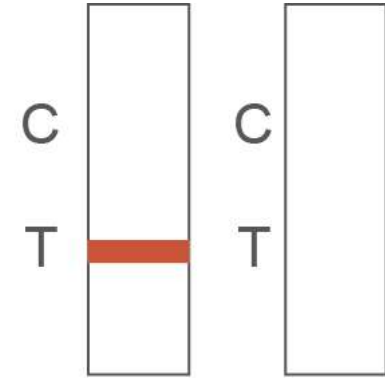
15 mins



Positive



Negative



Invalid

Precautions

It is intended to be used by professionals as a test and provides a preliminary test result to aid in the diagnosis of infection with novel Coronavirus.

EC REP CERTIFICATE



CMC MEDICAL DEVICES & DRUGS SL
NO. CMC/CE/2020/04092020.2

CONFIRMED THAT CMC MEDICAL DEVICES & DRUGS S.L. is the European Authorized Representative of
Zhuhai Encode Medical Engineering Co., Ltd.
No.020,Honghui 2nd RD Hongqi Industrial Zone,Jinwan District,Zhuhai,
P.R China (519090)

The certificate remains valid until the expiration agreement of EC REP, manufacturing conditions, the quality system or relevant legislation are changed. The validity is conditioned by positive results of periodic surveillance audits.
The product liability rests with the manufacturer in accordance with applicable directive and standard, after fulfilling of the relevant EU legislation requirements, the manufacturer shall affix relevant CE marking to all above mentioned models of the medical device.

Complies with the applicable essential requirements of the council directive 98/79/EEC in vitro diagnostics as amended.
From 26 May 2022, manufacturer must fully comply with the IVDR in order to be placed their products in the European market.

The products in Annex I was registered in Spanish MOH with number **RPS/2079/2020**



Issued on: 08/04/2021



Authorized Signatory
CMC Medical Devices & Drugs SL

Valid until: 07/04/2023

EC REP CERTIFICATE



ANNEX I Medical Device Products



The SARS-COV-2 Antigen Rapid Test Device



CE Declaration of Conformity CE

Manufacturer: Zhuhai Encode Medical Engineering Co., Ltd.
Add:No.020,Honghui 2nd RD Hongqi Industrial Zone,Jinwan District,Zhuhai,P.R China(519090)

Whose Single Authorized EU-Representative: CMC Medical Devices & Drugs S.L.
Add:C/ Horacio Lengo N° 18, CP 29006, Málaga, Spain

Product Name: SARS-COV-2 Antigen Rapid Test

Classification : **Others of ANNEX II of IVDD**
Conformity Assessment Route: **Annex III**

We herewith declare that the above mentioned products meet the transposition into national law, the provisions of the following EC Council Directives and Standards. All supporting documentations are retained under the premises of the manufacturer.

General applicable directives:
In Vitro Diagnostic Medical Devices DIRECTIVE 98/79/EC

Harmonized standards:
EN ISO 13485:2016, EN ISO 15223-1:2016, EN ISO 14971:2012, EN 13641: 2002,
EN ISO 18113-1:2011, EN ISO 18113-2:2011, EN 13612: 2002, EN ISO 23640:2015

Signature: 
Name: Sun Yifeng
Title: General manager
Place/Date: Zhuhai, 2020-09-01



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;
- A common standardised set of data to be included in COVID-19 test result certificates; and
- A common list of COVID-19 laboratory based antigenic assays

Agreed by the Health Security Committee

Common list of COVID-19 rapid antigen tests (Annex I)

Agreed by the Health Security Committee on 17 February 2021.

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; A sixth update was agreed by the HSC on 20 October 2021.

Common standardised data set to be included in COVID-19 test result certificates (Annex II)

Agreed by the Health Security Committee on 17 February 2021.

An update to Annex II was agreed by the HSC on 19 March 2021

Common list of COVID-19 laboratory based antigenic assays (Annex III)

Agreed by the Health Security Committee on 20 October 2021

Manufacturer	RAT commercial name	Device ID # ⁽¹⁾	Clinical performance As reported by independent validation studies	Clinical performance Data by manufacturer	EU Member States using in practice	Other countries using in practice	Completed validation studies	SARS-CoV-2 Target protein	Included in EU common list since:
Zhuhai Encode Medical Engineering Co.,Ltd	ENCODE SARS-COV-2 Antigen Rapid Test Device	1902	<i>Retrospective in vitro study</i> DE: Positive evaluation by Paul-Ehrlich-Institut: Sensitivity of 95% at Ct ≤ 25; Manufacturer specificity: 100%	Throat swab/Nasal Swab: Sensitivity 96.49%, Specificity 100% Anterior Swab: Sensitivity 94.74%, Specificity: 100%	DE ⁽²⁾		DE ⁽³⁾ UK	Nucleo- capsid protein	20 October 2021
Zhuhai Lituo Biotechnology Co., Ltd.	COVID-19 Antigen Detection Kit (Colloidal Gold)	1957	<i>Retrospective in vitro study</i> DE: Positive evaluation by Paul-Ehrlich-Institut: Sensitivity of 100% at Ct ≤ 25; Manufacturer specificity: 100%	96.12% sensitivity Nasal swab (CT≤33); 99.59% sensitivity NP swab; 100% specificity Nasal swab (CT≤33)	CZ, DE ⁽³⁾ , SI		DE ⁽³⁾	Nucleo- protein	14 July 2021

https://ec.europa.eu/health/sites/default/files/preparedness_response/docs/covid-19_rat_common-list_en.pdf

28.09.2021

Vergleichende Evaluierung der Sensitivität von SARS-CoV-2 Antigenschnelltests

Ziel

Vergleich verschiedener Antigenschnelltests mit identischem Probenmaterial

Material

Pools von naso- und oropharyngealen Abstrichen.

Trockene Tupfer wurden in PBS aufgenommen, feuchte Tupfer waren bereits in Transportmedium unterschiedlicher Zusammensetzung. Pools sind zufällige Mischungen aus bis zu 10 Proben vergleichbarer CT Werte, die 1:10 in negativen Proben in PBS verdünnt wurden. Die CT Werte eines Pools wurden mit verschiedenen PCR Assays bestimmt und die mutmassliche Anzahl an RNA-Kopien mit Hilfe des INSTAND Standards berechnet. Bei den verwendeten PCRs entspricht ein CT Wert von 25 etwa 10^8 RNA Kopien / mL. Es wurden jeweils 18 Proben mit $CT < 25$, 23 Proben mit CT zwischen 25 und 30 und 9 Proben mit $CT > 30$ analysiert. Vermehrung des Virus in Zellkultur wurde als mögliches Korrelat für Infektiosität als weiteres Merkmal der Proben bestimmt.

Durchführung

Die Pools wurden aliquotiert, eingefroren, versendet, und zur Evaluierung der Tests aufgetaut. Für jeden Test wurden 50µL des Pools mit den vom Test bereitgestellten Komponenten z.B. Tupfer, analysiert. An der vergleichenden Evaluierung beteiligte Labors sind u. a. Robert Koch-Institut, Paul-Ehrlich-Institut, Konsiliarlabor für Coronaviren (Charité), Institut für Mikrobiologie der Bundeswehr.

Zusammenfassung

Diese vergleichende Evaluierung einer großen Anzahl von SARS-CoV-2 Antigenschnelltests (point of care tests; POCT) verschiedenen Designs und verschiedener Hersteller mit demselben Probenmaterial ermöglicht einen Überblick über den derzeitigen Stand der Technik hinsichtlich ihrer Sensitivität. Die Ergebnisse lassen keine Rückschlüsse auf die Spezifität der Tests zu.

Diejenigen POCT, die bislang in die vergleichende Evaluierung eingegangen sind und hier als dem derzeitigen Stand der Technik entsprechend bewertet wurden, sind in der folgenden Tabelle aufgeführt. Weitere Tests, die als nicht dem Stand der Technik entsprechend bewertet wurden, wurden aus der Liste des BfArM entfernt. Die Untersuchungen werden kontinuierlich fortgeführt, die Tabelle entsprechend ergänzt.

Es sei ausdrücklich darauf hingewiesen, dass diese vergleichende Evaluierung nur eine Stichprobe der beim BfArM gelisteten und somit erstattungsfähigen SARS-CoV-2 Antigenschnelltests berücksichtigen kann, und manche Tests bislang (noch) nicht berücksichtigt werden konnten, trotz entsprechendem Interesse seitens Herstellern / Vertreibern.

Kontakt:

E-Mail: sarscov2ivd@pei.de

Übersicht SARS-CoV-2 Antigenschnelltests, die als „dem derzeitigen Stand der Technik entsprechend“ bewertet wurden

Testname	Hersteller
TEDESUN 2019-nCoV Antigen Test Kit	Ltd.
ENCODE SARS-COV-2 Antigen Rapid Test Device	Zhuhai Encode Medical Engineering Co., Ltd.

GOV.UK ▼ Topics ▼ Government activity

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[Department of Health & Social Care](#)


[UK Health Security Agency](#)

Guidance

Outcome of the evaluation of rapid diagnostic assays for specific SARS-CoV-2 antigens (lateral flow devices)

Updated 20 January 2022

Background

Since its establishment in August 2020, the joint UK Health Security Agency (UKHSA) Porton Down and University of Oxford SARS-CoV-2 lateral flow antigen test validation cell has evaluated over 160 lateral flow devices that have been referred by the Department of Health and Social Care.

Approximately 30% of the tests that were referred for validation met the standards for phase 2 validation, which are set out in the [protocol for evaluation of rapid diagnostic assays for specific SARS-CoV-2 antigens](#).

UKHSA Porton Down subsequently performed phase 3 testing to assess whether the lateral flow devices that passed phase 2 displayed performance characteristics desirable for mass population, community-based testing.

The desirable performance characteristics are:

- very high specificity
- very high sensitivity against viral loads associated with infectiousness

The lateral flow devices that display the desirable performance characteristics are summarised in table 1 below.

Table 1: summary of lateral flow devices that have passed phase 3a validation

Lateral flow device	Status	Date evaluation completed
Zhuhai ENCODE - SARS-COV-2 Antigen Rapid Test Device	Pass	29 September 2021

<https://www.gov.uk/government/publications/assessment-and-procurement-of-coronavirus-covid-19-tests/outcome-of-the-evaluation-of-rapid-diagnostic-assays-for-specific-sars-cov-2-antigens-lateral-flow-devices>

Health Sciences Authority
 31 Outram Road, Singapore 169078
 Tel: 65 6213 0838 Fax: 65 6213 0749
 Website: www.hsa.gov.sg



HSA 600:36/01
 14 December 2020



Dear Professor Lawrence Chan,

RE: STATUS OF SUPPLY OF MEDICAL DEVICES IN SINGAPORE

This letter serves to confirm that the following medical device product(s) have been issued Provisional Authorisation (MDPA2020-162) for supply in Singapore and may be exported from Singapore.

No.	Device Name	Intended Use
1	V-CODE ENCODE SARS-COV-2 Antigen Rapid Test Device (20 tests)	<p>The SARS-COV-2 Antigen Rapid Test Device is a rapid visual immunoassay for the qualitative, presumptive detection of COVID-19 antigens from throat swabs and nasal swab specimens.</p> <p>It is intended to be used by professionals as a test and provides a preliminary test result to aid in the diagnosis of infection with novel Coronavirus. Any interpretation or use of this preliminary test result must also rely on other clinical findings as well as on the professional judgment of health care providers. Alternative test method(s) should be considered to confirm the test result obtained by this test.</p> <p>If the test result is negative and clinical symptoms persist, additional testing using other clinical methods is recommended. A negative result does not at any time rule out the presence of COVID-19 viral antigens in specimen, as they may be present below the minimum detection level of the test. As with all diagnostic tests, a confirmed diagnosis should only be made by a physician after all clinical and laboratory findings have been evaluated.</p>



Product Owner: [Redacted]

Manufacturing Site(s): Zhuhai Encode Medical Engineering Co., Ltd
 No. 20, Honghui 2nd Road, Hongqi Industrial Zone,
 Jinwan District, Zhuhai,
 China
 [Redacted]

- The medical device product(s) may be supplied to the healthcare institutions, private hospitals, medical clinics or clinical laboratories licensed under the PHMC Act (Cap. 248) for use on their patients.
- The medical device product(s) may be exported out of Singapore subject to the duties and obligations as stipulated in the Health Products Act and the Health Products (Medical Devices) Regulation 2010.
- The confirmation above is subject to the manufacturer's activities conforming to the ISO 13485 quality system.

Yours sincerely,

DR LAKSHMIDEVI BALAKRISHNAN
 REGULATORY CONSULTANT
 For GROUP DIRECTOR
 HEALTH PRODUCTS REGULATION GROUP
 HEALTH SCIENCES AUTHORITY



Republic of the Philippines
 Department of Health
FOOD AND DRUG ADMINISTRATION
 Civic Drive, Filinvest Corporate City, Alabang, Muntinlupa City

CERTIFICATION

To Whom This May Concern:

This is to certify that the **V-CODE ENCODE SARS-COV-2 Antigen Rapid Test Device** manufactured by Zhuhai Encode Medical Engineering Co., Ltd - No. 20, Honghui 2nd Road, Hongqi Industrial Zone, Jinwan District, Zhuhai, China has complied with all the requirements for the special certification of COVID-19 Diagnostic Kits. The product has a Provisional Authorization from Health Sciences Authority (HSA) of Singapore. With this approval, the company is required to indicate in the product label or in the accompanying product insert the following statement:

"This product is strictly for medical professional use only and not intended for personal use. The administration of the test and the interpretation of the results should be done by a trained health professional. The result of this test should not be the sole basis for the diagnosis; confirmatory testing is required"

This certification is issued upon the request of K [Redacted] SC with business address at Suite 1017 Cityland Herrera Tower [Redacted]

This certificate cannot be used for advertising purposes in whatever medium and neither can this certificate be construed as an endorsement by the Center for Device Regulation, Radiation Health, and Research.

Done this 4th February 2021 at Alabang, Muntinlupa City.

BY AUTHORITY OF THE DIRECTOR GENERAL

MARIA CECILIA C. MATIENZO
 Director IV
 Center for Device Regulation, Radiation Health, and Research

Not valid without FDA Seal

OR No. : 012721232135
 Amount : PhP 510,000
 Date : 27 January 2021
 SC-COVID19-2021-031
 DTN: 20210126105236
009

FDA-0475262

PLATEFORME COVID-19



VISUALISATION TESTS COVID-19

Nombre de tests

2/591

Les Tests antigéniques sur prélèvement nasal sont réservés aux mineurs de moins de 12 ans symptomatiques ou identifiées comme personnes contacts, en deuxième intention, lorsque le prélèvement nasopharyngé est rendu difficile ou impossible.

[Cliquez pour accéder à la liste commune européenne TAG](#)

Signalement

[JE SIGNALE](#)

Contextes juridiques

[Cliquez pour déplier et télécharger les fichiers des contextes juridiques](#)

Statut

CE CNR UE HAS

Type de test

Sous-type de test

Cibles

--

Type prélèvement

Rechercher

Tableau de bord des tests

[Cliquez pour déplier et visualiser les graphes du tableau de bord](#)

2 tests affichés

Options

NOM	FABRICANT	DISTRIBUTEUR	CE	UE	CNR	SOUS-TYPE DE TEST	CIBLES	TYPE DE PRÉLÈVEMENT
SARS-CoV-2 IgG/IgM rapid test	ZHUHAI ENCODE MEDICAL ENGINEERING	MEDISUR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sérologie rapide (dont TDR et TROD)	IgG, IgM, IgG protéine N	Sang total
The SARS-COV-2 Antigen Rapid Test Device	Zhuhai Encode Medical Engineering Co., Ltd.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Antigénique non automatisé (dont TROD)	N	Nasopharyngé



**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 Darussalam. 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 required standards.

This list is updated as at **30 December 2021**.

NO	PRODUCT NAME	MANUFACTURER	DETECTION	SAMPLE TYPE
41	Norman Novel Coronavirus Antigen Testing Kit	Nanjing Norman Biological Technology Co., Ltd., China	Antigen	Nasal / Saliva
42	Lysun COVID-19 Antigen Rapid Test Device	Hangzhou Lysun Biotechnology Co., Ltd., China	Antigen	Nasal
43	INVBIO Coronavirus (SARS-CoV-2) Antigen Rapid Test Cassette	Innovation Biotech (Beijing) Co., Ltd., China	Antigen	Nasal
44	AndLucky® COVID-19 Antigen Rapid Test	Zhejiang Anji Saianfu Biotech Co., Ltd., China	Antigen	Nasal / Nasopharyngeal / Oropharyngeal
45	eDiagnosis COVID-19 (SARS-CoV-2) Antigen Test Kit	Wuhan EasyDiagnosis Biomedicine Co., Ltd., China	Antigen	Nasal / Nasopharyngeal / Oropharyngeal
46	ENCODE SARS-COV-2 Antigen Rapid Test Device	Zhuhai Encode Medical Engineering Co., Ltd., China	Antigen	Nasal / Oropharyngeal
47	Multi G COVID-19 Check-Sal Antigen Rapid Test	Multi-G bvba, Belgium	Antigen	Saliva



REPUBLIC OF BULGARIA

Ministry of Health

Minister of Health

ORDER

X _____

Pursuant to Art. 61, para. 2, Art. 63, para. 4, 5 and 11 and Art. 63c of the Health Act, Art. 73 of the Code of Administrative Procedure, and in conjunction with Regulation (EU) 2021/953 of the European Parliament and of the Council of 14 June 2021 on a Framework for the Issuance, Verification and Adoption of Interoperable Vaccination Certificates against a examination for and recovery from COVID-19 (EU Digital COVID Certificate), in order to facilitate free movement during the pandemic of COVID-19, and Decision No. 826 of the Council of Ministers of November 25, 2021 for the extension of the term of the emergency epidemic situation announced by Decision no. 325 of the Council of Ministers of 14 May 2020, extended by Decision No. 378 of the Council of Ministers of 12 June 2020, Decision No. 418 of the Council of Ministers of 25 June 2020, Decision No. 482 of the Council of Ministers of 15 July 2020, Decision No. 525 of the Council of Ministers of 30 July 2020, Decision No. 609 of the Council of Ministers of 23 August 2020, Decision No. 673 of the Council of Ministers of 25 September 2020, Decision No. 855 of the Council of Ministers of 25 November 2020, Decision No. 72 of the Council of Ministers of 26 January 2021, Decision No. 395 of the Council of Ministers of 28 April 2021, Decision No. 426 of the Council of Ministers of 26 May 2021, Decision No. 547 of the Council of Ministers of 28 July 2021 and Decision No. 629 of the Council of Ministers of 26 August 2021, and a proposal by the Chief State Health Inspector.

COVID-19 Antigen Rapid Test Kit (Colloidal Gold)	Ltd
Rapid SARS-CoV-2 Antigen Test Card	Xiamen Boson Biotech Co. Ltd
SARS-CoV-2 Antigen Rapid Test	Xiamen Wiz Biotech Co., Ltd
SARS-CoV-2 Antigen Rapid Test (Colloidal Gold)	Xiamen Wiz Biotech Co., Ltd
AndLucky COVID-19 Antigen Rapid Test	Zhejiang Anji Saianfu Biotech Co., Ltd
reOpenTest COVID-19 Antigen Rapid Test	Zhejiang Anji Saianfu Biotech Co., Ltd
Pantest Coronavirus Ag (Nasopharyngeal Swab)	Pantest SA
Novel Coronavirus (COVID-19) Antigen Detection Kit (Swab)	Zhejiang GENE SCIENCE Co., Ltd
Coronavirus Ag Rapid Test Cassette (Swab)	Zhejiang Orient Gene Biotech Co., Ltd
ENCODE SARS-COV-2 Antigen Rapid Test Device	Zhuhai Encode Medical Engineering Co.,Ltd
COVID-19 Antigen Detection Kit (Colloidal Gold)	Zhuhai Lituo Biotechnology Co., Ltd.

4. Annex No. 4 to item I, 11 is amended as follows:

„Annex No. 4 to item I, 11

List of countries whose COVID-19 vaccination, testing and recovery certificates are considered equivalent to the EU digital COVID certificate

Republic of Northern Macedonia, Republic of San Marino, Swiss Confederation, Turkish Republic, Ukraine, Vatican City State (only for vaccination certificates issued),



Brand

Encode Medical has a good brand awareness and user recognition in China's IVD industry.

Basic hardware

Encode Medical has a modern production base of 15000 square meters. 3000 square meters cleaning workshop and automatic production equipment.

Team of talent

It has an efficient, knowledgeable and stable staff team from R&D, production, quality control, marketing and service.

R & D capabilities

Encode Medical has been recognized as: Guangdong Province Pathogenic Microorganism Diagnostic Engineering Technology Research Center, Zhuhai Municipal Key Enterprise Technology Center, Guangdong Province Infectious Disease Diagnostic Reagent Industry Technology Innovation Alliance Unit.

Quality system

The company strictly implements in-vitro diagnostic regulations in China and has passed ISO13485 and CE quality system certification.

Business resources

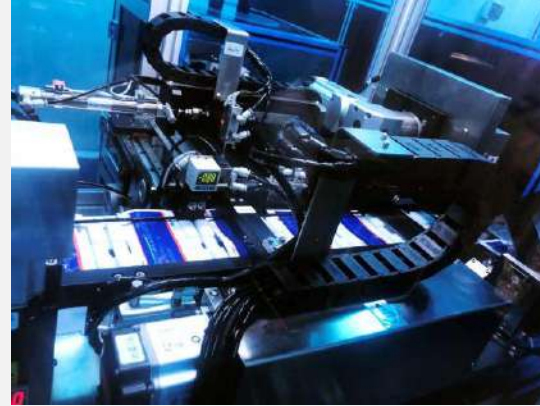
Sales channels in the domestic market cover all provinces and cities; overseas markets have opened business markets in Europe, Southeast Asia, the Middle East, Africa and South America. It has more than 3,000 channel distributors and is providing services to more than 50,000 clinical end users.



15,000 square meters industrial park



GMP standard purification workshop



Automated production line



A corner of the standard laboratory

- Established in 1994, 27 years manufacturer of in-vitro diagnostic products
- Set up Hongkong IVD Industrial Company at 2013
- 3000m² GMP standard clean workshop
- More than 300 employees, production capacity >500,000 Tests/day
- SFDA, GDFDA, CE, ISO13485 certified
- Main products: Immunology diagnostic rapid tests Microbiological diagnostic products



Medica(Germany)



Medlab(Dubai)



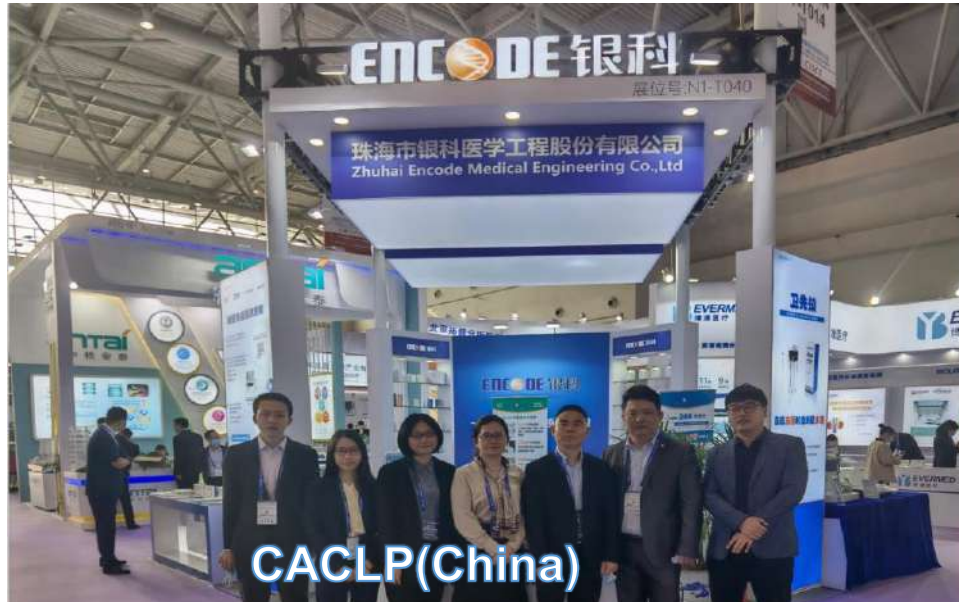
Medical Fair (Singapore)



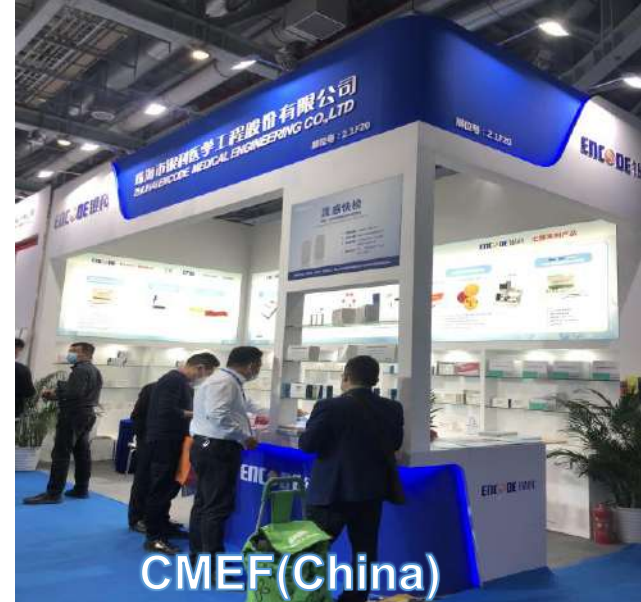
Medical Fair (Thailand)



EkspoNED Fair (Turkey)



CACLP(China)



CMEF(China)

THANKS

————— A supplier of in vitro diagnostic products —————
with great development potential