

Update on COVID-19 Diagnostic tests

Overview

- SAHPRA has received a total of 71 applications for molecular test kits (PCR) and 23 have been approved for use.
- 164 applications for serological COVID-19 test kits have been received, these include both point-of-care serological test kits as well as laboratory-based serological test kits.
- To date 20 serological tests have been recommended for validation through the National Health Laboratory Services (NHLS).
 - 1 Serological Point of Care test has been authorized for secondary validation under the National guideline protocol
 - 3 laboratory-based serological test kits have been authorised for S/ validation by the NHLS

Status update on Covid19 Test Kits















Final outcome

Average time from receipt of application

to approval

Screening

response to screening queries

Awaiting applicant Awaiting applicant Technical response to primary review queries

committee

Awaiting applicant response to technical committee queries

Withdrawn

Recommended for Validation

33

Not Recommended

18 days

(164 applications)













45 of 61 have been









for Validation

Withdrawn

4.25 days

awaiting applicant response for >10 days

RT PCR (71 applications)





















Recommended

Not Recommended

21 of 24 have been awaiting applicant response for >5 days

Approved molecular test kits – PCR

This list is also published on the SAHPRA website http://www.sahpra.org.za/wp-content/uploads/2020/05/PCR-Tests-Authorised-for-Listing-by-SAHPRA-19.05.2020.pdf

No.	COMPANY NAME	Product Name	Product Description	Original Manufacturer
1	Hea.IT (Pty) Ltd	iAMP COVID-19 Detection Kit	RT -PCR	ATILA BIOSYSTMES INC
2	Supra Healthcare Johannesburg (Pty) Ltd	SARS-CoV-2 Nucleic Acid Detection Kit (Fluorescence RT-PCR)	RT-PCR	Bioer Technology Co., Ltd.
3	Supra Healthcare Johannesburg (Pty) Ltd	Novel Corona Virus (2019-nCov) Nucleic Ac Detection Kit Automatic Nucleic Acid Extractor	RT-PCR	Xi'an TianLong Science and Technology corporate limited.
4	Supra Healthcare Johannesburg (Pty) Ltd	RT-PCR kit for detecting 2019-nCoV	RT-PCR	BGI Europe A/S
5	Supra Healthcare Johannesburg (Pty) Ltd	abTES™ COVID-19 qPCR I Kit	RT-PCR	AIT Biotech Pte. Ltd.
6	Abbott Laboratories South Africa (Pty) Ltd	Abbott RealTime SARS-CoV-2 Assay	RT-PCR	Abbott Molecular Inc
7	CEPHEID	Xpert® Xpress SARS-CoV-2	RT- PCR	Cepheid
8	PerkinElmer South Africa Pty Ltd	PerkinElmer® SARS-CoV-2 Real-time RT-PCR Assay	RT- PCR	Suzhou SYM-BIO Lifescience Co. Ltd
9	LABOTEC (Pty) Ltd	Novel Corona virus (2019-nCov) Realtime multiplex RT PCR KIT	RT- PCR	Liferiver -Shanghai ZJ Biotech
10	Trendline Trading (Pty) Ltd	Real-time fluorescent RT-PCR kit for detecting 2019-nCoV	RT-PCR	BGI Biotechnology (Wuhan) Co., Ltd.
11	RX MEDICAL	Logix Smart Coronavirus Disease 2019 (COVID-19) ki	RT -PCR	Co-Diagnostics, Inc
12	Humor Diagnostica (Pty) Ltd	GeneFinder COVID 19 PLUS	Reagents	Osang Healthcare Co., Ltd
13	Whitehead Scientific (Pty) Ltd	2019-nCoV CDC EUA Kit, 500 rxn	PCR	Integrated DNA Technologies Inc
14	Whitehead Scientific (Pty) Ltd	Mag-Bind $^{\circ}$ Viral DNA/RNA 96 Kit, 12 x 96 Preps (#M6246-03)		Omega BioTek Inc
15	Whitehead Scientific (Pty) Ltd	CDC 2019-Novel Coronavirus (2019-nCoV) Real-Time RT-PCR Diagnostic Panel	PCR	QuantaBio
16	Roche Diagnostics (Pty) Ltd	cobas SARS-CoV-2	PCR	Roche Diagnostics GmbH
17	BECTON DICKINSON PTY LTD	Viasure SARS-CoV-2 S gene Real Time PCR Detection Kit	PCR	CerTest BIOTEC S.L.
18	Biomerieux South Africa (Pty) Ltd	SARS-CoV-2-R-GENE, SARS-CoV-2 nucleic acid IVD, kit, nucleic acid technique (NAT), 120 tests	PCR	bioMérieux SA
19	Biomerieux South Africa (Pty) Ltd	ARGENE® SARS-COV-2 R-GENE	PCR	bioMérieux SA
20	Biomerieux South Africa (Pty) Ltd	BioFire COVID-19 Test	PCR	BioFire Defense, LLC
21	Supra Healthcare Johannesburg (Pty) Ltd	COVID-19 (SARS-CoV-2) Nucleic Acid Test Kit	RT-PCR	Wuhan EasyDiagnosis Biomedicine Co., Ltd
22	BECTON DICKINSON PTY LTD	BD SARS-CoV-2 reagents for BD MAX™ system	RT-PCR	GeneOhm Sciences Canada Inc. t/a bd diagnostics
23	EUROIMMUN Medical Laboratory Diagnostics South Africa (Pty) Ltd	SARS-CoV-2 Real time PCR	RT-PCR	Medizinische Labordiagnostika AG, Deutschland



THANK YOU