

COVID-19 Kenya Testing for SARS-CoV-2 - PCR method

Date: 15 April 2020

Name / Site	Location	Contact	Platform	Test	Cost/test	Comment
Kenya AIDS Vaccine Initiative (KAVI)	Nairobi	Prof. Omu Anzala Dr.Moses Masika mosmasika@uonbi.ac.ke	ABI 7500	In-house: Belin protocol*	\$100 Batch of 40 samples	charge for reagents & not cost per test
			ABI 7500 GeneXpert	Sacace kit Cepheid Test	??	Commercial kits plans to use but not started as yet
Lancet Laboratories	Nairobi	Dr.Ahmed Kalebi	CFX One-touch PCR platform	Seegene	\$85	Cost revised downward Actively testing
AMPATH Moi University Teaching and Referral Hospital	Eldoret	Dr. Edwin Were ,Obs/Gyn <eowere@gmail.com>	Cobas 6800	Roche RT-PCR assay	??	MOH site: for contacts and case testing
KEMRI, CDC Nairobi Laboratory	Nairobi	Dr. Elizabeth Hunsperger < enh4@cdc.gov >	??	??	??	Jenn Slyker to email and check
KEMRI, CDC Kisumu Laboratory	Kisumu	Dr.Clayton Onyango Onyango Clayton <COnyango@kemricdc.org>	Cobas 8800	Roche RT-PCR assay	??	MOH site: for contacts and case testing
			RT-7500	WHO –Berlin kit Jack Ma kit	??	
Prof Jared Mecha's laboratory (?) PEPFAR funded research	University of Nairobi, UNITID, Nairobi	Dr.Jared Mecha jared.mecha@uonbi.ac.ke Dr. Kibet (Lab director) mangusho3@gmail.com	Cobas 6800	Roche	??	MOH site: for contacts/case
			ABI 7500	RealStar® SARS-CoV-2 RT-PCR Kit RUO - Altona	??	Not initiated testing – plan to use the assay for surveillance
KEMRI National Influenza Center	KEMRI, Nairobi	Prof. Wallace Bullimo <Wallace.Bulimo@usamru-k.org>	ABI 7500	PCR assays (Kits from Thermofisher, India, Jack Ma and WHO)	??	National & MOH site: for contacts and case testing Actively testing
National Public Health Laboratories	Nairobi	Umuro Mamo mamoumuro@gmail.com	Cobas 6800	Roche RT-PCR assay	??	National & MOH site: for contacts and case actively testing
Coast General Hospital	Mombasa	Dr.K.Mandaliya / Dr. Scott McClelland	Cobas 6800	Roche RT-PCR assay	??	MOH site: for contacts and case testing

Mombasa HIV/STI Research laboratory	Mombasa	Dr.Scott McClelland	Allplex™ PCR platform	Seegene 2019 nCoV Assay	~ \$65 -70	
KEMRI Welcome Trust Research Laboratory	Kilifi	Dr.Charles Nyaigoti CNyaigoti@kemri-wellcome.org Isabella Lynette Ochola LiOchola@kemri-wellcome.org	??	RT-PCR	??	Jenn communicated with Isabella on 3/30 but no response as yet on details
Agakhan Unviersity and Teaching Hospital Laboratory	Nairobi	Dr.Revathi Gunturu < Gunturu.Revathi@aku.edu >	ABI 7500	RealStar® SARS-CoV-2 RT-PCR Kit RUO - Altona	\$110 - 180	Can only handle 20 tests per run

** protocol developed by Charite in Berlin, Germany. We check for the E-gene (pan-corona) as well as the RdRp Gene (SARS-CoV-2 specific) using the primers described here: <https://www.eurosurveillance.org/content/10.2807/1560-7917.ES.2020.25.3.2000045>