

POCKIT Central

Sample- to-answer PCR system for detection of SARS-CoV-2

Coronavirus disease 2019 (COVID-19) is caused by SARS-CoV-2, which is closely related to the SARS-CoV. The pathogen is primarily spread via droplets, contact and fomites. Those infected may either be asymptomatic or symptomatic and cases can progress into pneumonia and even death.

POCKIT™ Central, a fully automatic sample-to-answer PCR system, can aid in the nucleic acid detection of SARS-CoV-2.



Features

RELIABLE

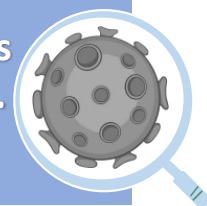
- ◆ Quality magnetic bead-based nucleic acid extraction.
- ◆ Proven insulated isothermal PCR (iiPCR) technology.

EASY TO USE

- ◆ Preloaded ready-to-use cartridges.
- ◆ Stable lyophilized uni-dose PCR reagent.
- ◆ Universal pre-programmed protocols.

Test Scenarios

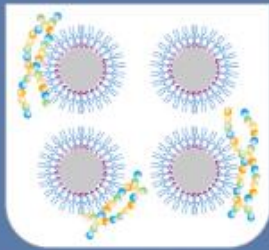
- Mobile laboratory
- Quarantine, move control and biothreat detection.
- Central laboratory to address esoteric or low volume tests.



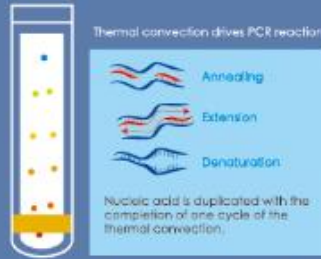
Time Saving

Standard PCR Sampling Sample transportation Standard PCR Test results **2-3 days**

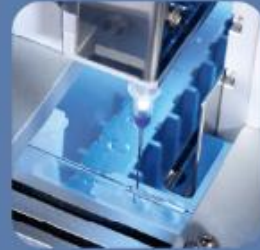
POCKIT Central Sampling Extraction and iiPCR Test Results **Within 2 hours!**



Magnetic bead-based nucleic acid extraction



iiPCR technology with two optical channels



Precise liquid handling



Flexible multi-target testing within a run



Preloaded ready-to-use cartridges



Built-in UV lamp for decontamination



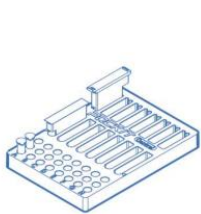
Barcode scanning & printing available

Reaction Overview							Operator: SCOTT	Report No: 201808170853
Sample ID	Extraction Lot No.	Reagent Lot No.	Target	520	550			
A TEST 1	0206185	DENV0301185	DENV	+	+			
B TEST 2	0206185	DENV0301185	DENV	-	+			
C TEST 3	0206185	DENV0301185	DENV	?	+			
D TEST 4	0206185	NOR0A0307183	Noro	!	-			
E TEST 5	0206185	NOR0A0307183	Noro	-	-			
F TEST 6	0206185	CDFA0307183	C.diff	-	-			
G TEST 7	0206185	CDFA0307183	C.diff	-	-			
H TEST 8	0206185	CDFA0307183	C.diff	+	+			

UV Treatment Is Completed Save to USB End

Direct results display

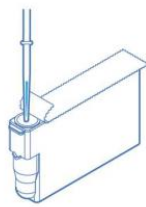
Protocol



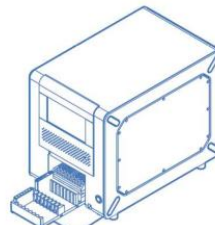
Set up Reagent



Pretreat Sample



Load Sample



Place Cartridges and Run

Reaction Overview							Operator: SCOTT	Report No: 201808170853
Sample ID	Extraction Lot No.	Reagent Lot No.	Target	520	550			
A TEST 1				+	+			
B TEST 2				+	+			
C TEST 3				-	+			
D TEST 4				+	+			
E TEST 5				-	+			
F TEST 6				-	+			
G TEST 7				-	+			
H TEST 8				-	+			

UV Treatment Is Completed Save to USB End

Obtain Results within 85 mins

Instrument Specification

Dimensions (W x D x H)	31 x 48 x 40 cm
Weight	Approx. 21 kg
Throughput	1 - 8 samples
Reaction Time	85 minutes
Detection Wavelength	520 nm & 550 nm
Monitor	LCD touch control panel
Data Storage	8 Gb of internal storage
Power Supply	100 - 120/ 200 - 240 V AC, 50/60 Hz, 2A
USB Port	3 type-A ports (front 1, rear 2)

Reagent Specification*

POCKIT™ Central Reagents

POCKIT^{Central} Cartridge Set

(24 tests/package) including Extraction Cartridge and Transfer Cartridge.

POCKIT^{Central} SARS-CoV-2 (orf 1ab) Premix

Reagent (24 tests/package)

(P(+)) Control Reagent is available for order

*For research use only, not for use in diagnostic procedures.

Sole Distributor in Pakistan
Pharmakon
 International Enterprises

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