

PowerChek™ 2019-nCoV Real-time PCR Kit series

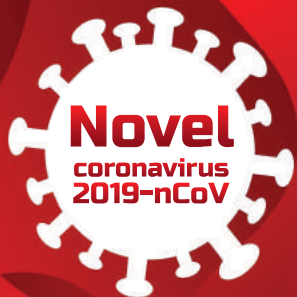
2019-nCoV Detection

by Real-time PCR assay



Fast & Accurate Testing for 2019 Novel Coronavirus – Screening & Detection

- E gene
- RdRp gene



2019 Novel Coronavirus Outbreak!

PowerChek™ 2019-nCoV Real-time PCR Kit v.1.0

For research use only

2019 Novel Coronavirus (2019-nCoV) is a virus identified as the cause of an outbreak of respiratory illness first detected in Wuhan, China. Coronaviruses are a large family of viruses. Some cause illness in people; numerous other coronaviruses circulate among animals, including camels, cats, and bats. Rarely, animal coronaviruses can infect people and then spread between people such as with MERS and SARS. 2019-nCoV has resulted in more than several thousand confirmed cases in China, including cases outside China. Additional cases have been identified in a growing number of other international locations.

PowerChek™ 2019-nCoV Real-time PCR Kit provides the fast and accurate testing solution for 2019 Novel coronavirus, targeting the E gene for beta Coronavirus and the RdRp gene for 2019-nCoV specifically. At 2015 MERS outbreaks, which has been the largest outbreak outside the Middle East, KogeneBiotech had successfully and rapidly developed a diagnostic kit for MERS-CoV and contributed to the prevention and control of the spread of disease in Korea. Building on our experience, KogeneBiotech is currently engaged with relevant organizations in Korea, to supply the test kits and offer additional respiratory viral detection solutions for diagnosis by exclusion.



Key Features

- R&D know-how & scaled-up producing experience with quality control at MERS-CoV outbreaks in 2015
- Based on WHO & CDC reference method
- E gene detection for Beta CoV & RdRp gene detection specific for 2019-nCoV
- Highly specific detection for all registered 2019-nCoV sequence database
- One-step Real-time RT PCR assay kit
- Including internal control, positive control and all necessary reagents

Kit components

- RT-PCR Premix
- Primer/Probe Mix 1 (E gene)
- Primer/Probe Mix 2 (RdRp gene)
- Control 1 (E gene)
- Control 2 (RdRp gene)

Ordering information

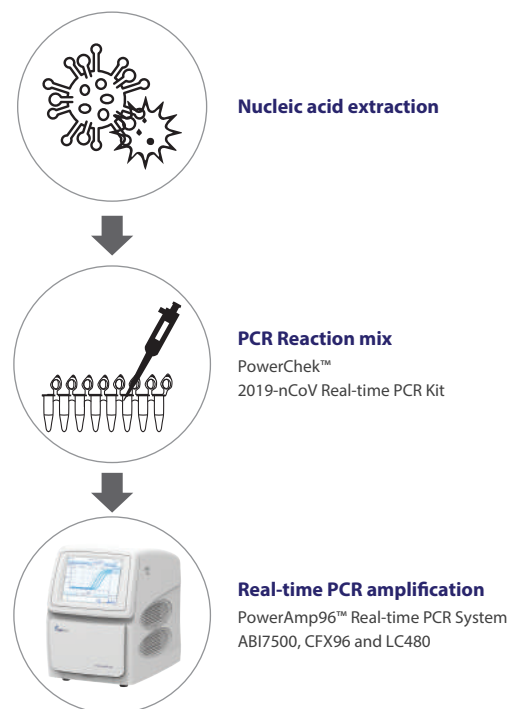
Cat No.	Product	Fluorophore	Size
R6900T	PowerChek™ 2019-nCoV Real-time PCR Kit	FAM, JOE (VIC or HEX)	50
R6400T	PowerChek™ Coronavirus 229E/OC43/NL63 Real-time PCR Kit	FAM, VIC(HEX), NED/ROX, Cy5	100
R6800E	PowerChek™ MERS-CoV (upE & ORF1a) Real-time PCR Kit	FAM, VIC(HEX), Cy5	50
Cat No.	Nucleic acid extraction Kit		Size
E0007	PowerPrep™ Viral DNA/RNA Extraction Kit		50

Compatibility - Flexible Open System

Kogene	Thermo Fisher Scientific	Bio-Rad	Roche
PowerAmp96™	ABI® 7500	CFX96™	LightCycler® 480
●	●	●	●

PowerAmp96™ is a trademark of KogeneBiotech Co., Ltd. ABI Prism® 7500 series are registered trademarks of Thermo fisher Scientific. CFX96™ is a registered trademark of Bio-Rad Laboratories, Inc. ROCHE® is a trademark of HoffmanLa Roche Inc.

Work Flow



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