

PowerChek™ 2019-nCoV Real-time PCR Kit series 

2019-nCoV Detection by Real-time PCR assay



Fast & Accurate Testing for COVID-19 — Screening & Detection

- E gene
- RdRp gene



Coronavirus disease 2019 Outbreak!

PowerChek™ 2019-nCoV Real-time PCR Kit v.1.1

Coronavirus disease 2019 (COVID-19) 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. COVID-19 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 Wuhan coronavirus, targeting the E gene for beta Coronavirus and the RdRp gene for COVID-19 specifically. KogeneBiotech is 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 COVID-19
- Highly specific detection for all registered COVID-19 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
R6900TD	PowerChek™ 2019-nCoV Real-time PCR Kit	FAM, JOE (VIC or HEX)	100

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

