

PowerChek™ SARS-CoV-2 Real-time PCR Kit series

# SARS-CoV-2 Detection

## by Real-time PCR assay



### Fast & Accurate Testing for SARS-CoV-2

- 1st approved EUA Kit in Korea
- High sensitivity & specificity
- ISO 13485
- One-step Real-time RT-PCR assay



# Coronavirus disease 2019 Outbreak!

## PowerChek™ SARS-CoV-2 Real-time PCR Kit series v.2.0

SARS-CoV-2 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™ SARS-CoV-2 Real-time PCR Kit series provide the fast and accurate testing solution for SARS-CoV-2. 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

- 1<sup>st</sup> approved EUA Kit in Korea
- R&D know-how & scaled-up producing experience with quality control at MERS-CoV outbreaks in 2015
- Based on WHO & CDC reference method
- Highly specific detection for all registered SARS-CoV-2 sequence database
- One-step Real-time RT PCR assay Kit
- Including internal control, positive control and all necessary reagents

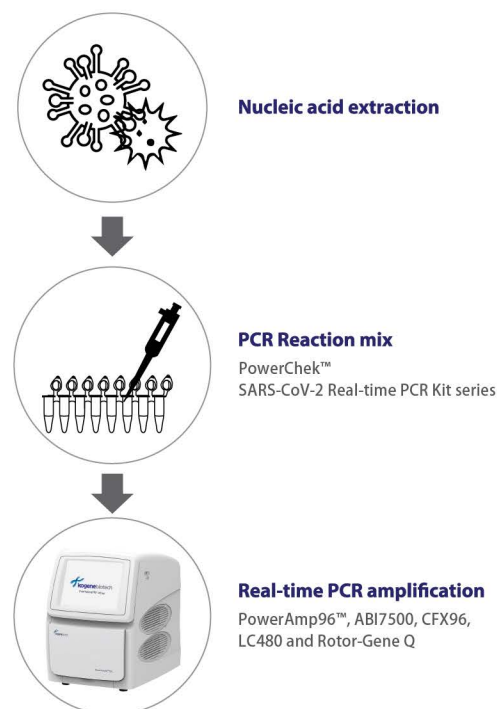
### Specimens

- Nasopharyngeal swab
- Bronchoalveolar lavage fluid
- Oropharyngeal swab
- Sputum

### Ordering information

Cat No.	Product	Target	Fluorophore	Size
IR6902	PowerChek™ SARS-CoV-2 Real-time PCR Kit [Multiplex]	E, ORF1ab, IC	FAM, JOE (or HEX), Cy5	100
R6900TD	PowerChek™ 2019-nCoV Real-time PCR Kit [Singleplex]	E, RdRp, IC	FAM, JOE (or HEX)	100
Cat No.	Nucleic acid extraction Kit			Size
E0007	PowerPrep™ Viral DNA/RNA Extraction Kit			50

### Work Flow



### Compatibility - Flexible Open System

Kogene	Thermo Fisher Scientific	Bio-Rad	Roche	Qiagen
PowerAmp96™	ABI®7500	CFX96™	LightCycler® 480	Rotor-Gene Q

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. Qiagen® is a registered trademark of Qiagen, Inc. Rotor-Gene® is a registered trademark of Corbett Research Pty Ltd.

### Contact information

**Myoan Baek**  
Executive Director  
myoa100@hanmail.net / myoa100@kogene.co.kr

---

**Suyeon Lee**  
Overseas business manager  
sy0223@kogene.co.kr