

Certificate of Analysis

Product Name : Isopollo® COVID-19 detection kit (real-time)
 Cat No : 52227
 Lot No : 522270539
 Storage Temperature : -25°C ~ -15°C
 Expiration Date : 03/2021

Component List (Isopollo® COVID-19 detection kit (real-time))

Component	Lot Number	Individual QC Result
2X Reaction Buffer	T110539	Pass
Enzyme mix	R130539	Pass
Detection primer (CR)	B620539	Pass
Detection primer (CN)	B630539	Pass
Control primer	D100539	Pass
Control template	C100539	Pass
Distilled water	W010539	Pass

Assay Name/Specification

Lot Number	Functional Testing (RT-LAMP)	Specification	Result	QC Result
522270539	A 25 μ l reaction containing 2X Reaction Buffer, Detection primer(CR), Enzyme mix, Distilled water, and plasmid DNA COVID-19 RdRP gene results in color change from purple to blue.	Ct \leq 40	18.44	Pass
	A 25 μ l reaction containing 2X Reaction Buffer, Detection primer(CN), Enzyme mix, Distilled water, and plasmid DNA COVID-19 N gene results in color change from purple to blue	Ct \leq 40	20.20	Pass

This product has been tested and shown to be in compliance with the all specifications.



Sol-Min Kim
 Assistant Researcher, Quality Control Team
 09 March 2020



Jae-Hwan Jeong
 Management representative
 09 March 2020