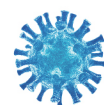
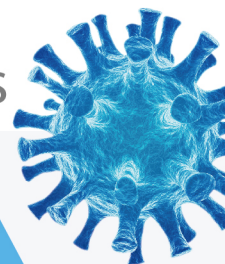


Promotor[®]



Molecular Diagnostics



SARS-CoV-2 RT-PCR Test Kit

ACON[®]

ACON Biotech (Hangzhou) Co., Ltd.

SARS-CoV-2 RT-PCR Test Kit

Qualitative Detection of Nucleic Acid from SARS-CoV-2



CE marked, UK MHRA approved.
Able to detect the UK variant (B.1.1.7), South Africa variant (B.1.351) and Brazil variant (P.1) mutant strains.



Triple-target assay in single well, covering highly conserved region within N, E and ORF1ab (RdRp) genes for highly specificity



811 clinical sample were used to verify the superiority



Full-process controls with negative, positive and internal controls, programmed time less than 60 min



Applied PCR machine:
Applied Biosystems® 7500, Applied Biosystems® QuantStudio5, Promotor® 960 Real-Time PCR System, SLAN®-96P, CFX96 (Bio-Rad), LightCycle® 480 (Roche) Rotor-Gene Q(Qiagen), MA6000, AGS9600, X960, Gentier 96, Quant Gene9600

Key Features and Performance

Technology	Real-Time reverse transcription polymerase chain reaction (rRT-PCR)
Target Genes	N, E, ORF1ab (RdRp)
Specimen Types	Oropharyngeal swab, nasopharyngeal swab and deep cough sputum
Internal Control	RNase P
Minimum Sample Volume	200 µL
Programmed Duration	<60 minutes (Test duration depends on applied PCR machine)
Limit of Detection	500 copies/mL
Precision (In-batch and batch)	CV<5%
Sensitivity	99.79% (95% CI: 98.82%-99.99%)
Specificity	99.04% (95% CI: 98.11%-99.58%)
Accuracy	99.31% (95% CI: 98.69%-99.68%)
Storage Temperature	- 20 ± 5 °C
Package Size	32 Tests/Kit

Ordering Information

Product Name	Catalog No.	Components
SARS-CoV-2 RT-PCR Test Kit	P131-1591√	Reaction Mix 1 x 630 µL
		Enzyme Mix 1 x 70 µL
		Positive Control 1 x 200 µL
		Negative Control 1 x 200 µL

√ CE marked

Programs and specifications are subject to change without prior notice. Please contact local distributors.



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