

MiRXES

TO KNOW IS TO ACT



CoVClear Test Kit

RT-PCR
testing
solution

MiRXES CoVClear Test Kit



Multi-target detection

Detection of SARS-CoV-2 at two gene targets (ORF1ab and N gene).



Fast results

1h 30min turnaround time after RNA extraction.



Reliable performance

High sensitivity and specificity. Zero cross-reactivity with 26 different respiratory tract-associated organisms.



Lab ready

Compatible with current industry-standard RT-PCR instrument & data analysis software without additional installations.



Quality assured

End-to-end process validated.

>99.8% have 100% homology to either N or ORF1ab target as of 16th February 2021.

Expected to pick up all variants in current database including B.1.1.7 lineage British variant and B.1.351 lineage South African variant.

**Real-time Reverse
Transcription PCR in
vitro diagnostic kit.**

**Qualitative detection
of RNA specific to
SARS-CoV-2.**

**Specimens: nasopharyngeal/
oropharyngeal swabs,
nasopharyngeal wash/aspirate,
nasal wash/aspirate and anterior/
mid-turbinate nasal swabs.**

Product features

Fluorophore	Analyte	Limit of Detection
Cy5	ORF1ab	0.25 GE/ μ L
FAM	N gene	0.25 GE/ μ L
Hex ^a / VIC ^b	Human RNase P	-

Pack size
200 reactions per kit

High throughput
96-well plate format

- a** Select HEX channel for RNase P on Bio-Rad CFX96 Real-Time PCR System.
- b** Select VIC channel for RNase P on Applied Biosystems™ 7500 Fast Real-Time PCR System and QuantStudio™ 5 Real-Time PCR Instrument.

Workflow recommendations

RNA Extraction

↳ MiRXES MAGec 96 Extraction System

↳ QIAamp Viral RNA Mini Kit

Data analysis

↳ C_t/C_q cut-off

↳ Human RNase P as whole workflow control (swab to RT-qPCR)

Real-time PCR instrument

↳ Applied Biosystems™ 7500 Fast Real-Time PCR System

↳ QuantStudio™ 5 Real-Time PCR Instrument

↳ Bio-Rad CFX96 Real-Time PCR System

MiRXES CoVClear Clinical Evaluation

	Comparator	
Test Positive	60.0	2.0
Test Negative	2.0	50.0

Evaluated by using

66 positive and 63 negative nasopharyngeal swabs samples

Positive Percent Agreement:

96.8% (CI:95.3%-98.3%)

Negative Percent Agreement:

96.2% (CI: 94.3%-97.9%)

Research only

The MiRXES CoVClear RUO is intended strictly only for research purposes.

RUO



MiRXES CoVClear is developed and manufactured by MiRXES Pte Ltd.



Store at
-25°C to -15°C



Protect
from light

About MiRXES

Harnessing microRNA discoveries, solving real-world issues, eradicating diseases, and improving lives.

Spun off from Singapore's Agency for Science, Technology and Research (A*STAR) in 2014, MiRXES' microRNA technology platform is reaching across the world and various industries spanning the medical, pharmaceutical, agricultural and veterinary fields to enable the discovery of game-changing biotechnology applications that solve real-world issues and improve lives.

Talk to us

Interested in learning more about our products and services? Our specialists are here to take the time to talk to you. From basic questions to complex inquiries, we're here to help!

Contact

Visit our website, send an email or simply pick up the phone and call us

Phone: +65 6816 2931

Email: sales@mirxes.com

Website: mirxes.com