



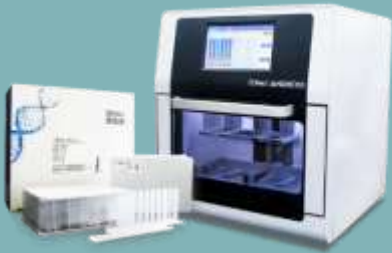
3DMed

3DMed SARS-CoV-2 FAST Detection Solution

2021-12

Diagnosis Data Drug

INTEGRATED COVID-19 Testing Solution



Automated Extraction

Innovative pooled
extraction kit
ANDiS 350 Automated
Nucleic
Acids Extraction System



Workstation



Differentiated PCR kit

- RNA Automatic Extraction
- SARS-CoV-2 Detection kit

3DMed

Leader In Precision Cancer Care



96A Viral RNA Auto Extraction & Purification Kit



Cat. 3103010059

Package. 96tests/Kit

Efficient

Extract **96** samples within **15min**

Reliable

CV values of Ct values <2%

Convenient


Pre-filled plates

Compatible Extractor

KingFisher Flex

Allsheng Auto-Pure 96

Competitors Analysis

Kits Specification	96A (Ethanol)	96A (Ethanol-free)	MagMAX™ Viral Isolation Kit (Thermo Fisher)
Feature	Prefilled (wash B plate need to be added ethanol)	Fully Prefilled	Add reagent manually
Component	Lysis Buffer plate Wash Buffer A plate Wash Buffer B plate Elution Buffer plate 96 Tip comb Proteinase k	Lysis Buffer plate Wash Buffer plate Elution Buffer plate 96 Tip comb Proteinase k	Binding Solution Wash Solution Elution Solution Proteinase K DNA/RNA Binding Beads 
Sample Volume	200~400 µL	200~400 µL	200~400 µL
Elution Volume	50 µL	50 µL	50 µL
Extraction Time	14min10s	13min	30min

Quotation – Extraction Kit



**96A Viral RNA Auto
Extraction & Purification Kit**

MOQ	Unit Price (USD)
10k to 100k tests	1.50
100k to 500k tests	1.30
500k to 1 Million tests	1.10
Over 1 Million tests	1.0

- RNA Automatic Extraction
- SARS-CoV-2 Detection kit

3DMed

Leader In Precision Cancer Care



Introduction-FAST Detection Kit (3 Genes)

ANDiS FAST SARS-CoV-2 RT-qPCR Detection Kit – v5.1



- RT-qPCR run time: 30 min
- Multi-target: **ORF1ab, N gene and E gene**
- Internal Control (IC): Endogenous gene
- Sensitivity: **LOD=200 copies/ml**
- Precision: CV<5% for inter-batch, CV<2% for intra-batch
- Coincidence rate: PPV=99.18%, NPA=100%, PA=99.58%

Component	Specification	Quantity	Description
RT-qPCR Reaction Mix	850µL/tube	1	Amplification buffer and probes & primers of target genes and internal reference
Enzyme Mix	150µL/tube	1	Taq polymerase, Reverse transcriptase and UDG
Positive Control	1000µL/tube	1	Mix solution of pseudo-viruses with target virus genes and internal reference
Negative Control	1000µL/tube	1	DNase/RNase free water

FAST

30 Min PCR

SENSITIVE

200 copies/mL

Specification & Feature-v5.1

➤ Specification

Item	Specification
Detection target	COVID-19
Target Gene	ORF1ab(FAM), N gene(ROX) and E gene(VIC)
Detection technology	Real-time OneStep RT-qPCR
Specimen type	Nasopharyngeal , Oropharyngeal swab , saliva
RT-qPCR running time	30 minutes
Compatible instruments	ABI 7500 Fast/Fast Dx, QuantStudio 5/6/7 (ABI), CFX96 Touch (Bio-rad), QIAGEN Rotor-Gene Q, Tianlong Gentier 96E

➤ Feature

Super-rapid: All steps(RT and PCR)completed within 30 min

High Sensitivity: **LOD=200 copies/ml**

Accurate: 3 target gene and 4 report dye (FAM/VIC/ROX/CY5)

Specific: No cross-reaction with common pathogens

Multiple controls: Internal / Positive / Negative Control designed

Carry-over contamination Free : Advanced enzyme & UDG system

Compatible instruments

ABI 7500 Fast/Fast Dx, ABI QuantStudio 5/6/7 , Bio-rad CFX96 Touch, QIAGEN Rotor-Gene Q, Agilent AriaMx3000/3005P, JENA qTOWER3, HONGSHI SLAN®-96, etc.

Note: The qPCR instruments must be compatible with **FAM**, **VIC**, **ROX** and **Cy5** channels.



Quotation – FAST Detection Kit



ANDiS FAST SARS-CoV-2 RT-qPCR Detection Kit
Target: ORF1ab,N gene and E gene

MOQ	Unit Price (USD)
10k to 100k tests	3.0
100k to 500k tests	2.85
500k to 1 Million tests	2.7
Over 1 Million tests	2.5



THANK YOU