Specifications

Parameters	Detail
Detection Method	Real time PCR
Detection Capability	2 PCR Chambers 4 Fluorescent Probe Channels (FAM, JOE, ROX, CY5)
Instrument Module Coupling	Up to 8 modules with Console
Average Heating Rate	From 50°C to 90°C, ≥13°C/s
Average Cooling Rate	From 90°C to 50°C, ≥10°C/s
Temperature Accuracy	≤±0.5°C
Data Interfaces	USB*2、CAN、COM、LAN、WiFi
Data Management	Build -in printer Bidirectional LIS connection
Power Requirements	AC100V-240V, 50/60Hz
Weight	Console: 4.5kg Module: 14kg
Dimensions	Console: 200mm×388mm×214mm(L×W×H) Module: 345mm×150mm×403mm(L×W×H)
Catalogue Number	WK46/WK47/WK48/WK49/WK50/WK51/WK52/WK53

Racing For Life

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Wondfo

U-CardDx 200 Automated Rapid Molecular Diagnostic System

Redefining PCR with simplicity, Efficiency, Precision

15 minutes result output

7 targets in one cartridge



8 modules maximumly

Guangzhou Wondfo Biotech Co., Ltd.

Features

One-step operation
- Sample in , result out

Powerful report capability
- 7 targets can be detected in one cartridge
- Extendable test panel
- Result output in 15 minutes

Scalable modular configuration
- Multi channel configuration :
- 8 units maximumly, 256T per day

Allowing various specimens
- Alveolar lavage fluid, Sputum, Nasopharyngeal swab, Oropharyngeal swab, Cervical swab, Urine, Blood, Feces

All in one mini lab design simplifying working procedures
- Storage at room temperature
- Dry and liquid reagents prefilled





Test Menu

Product Name		Detection Target	Specimen Type	Catalogue Number
2019-nCoV/Flu/RSV Test	CE	2019-nCoV,Flu A,Flu B,RSV	Nasopharyngeal swab, Oropharyngeal swab	WR38P0004 (8T), WR38P0005 (24T), WR38P0006 (48T)
Respiratory Pathogen Panel Test	CE	2019-nCoV,Flu A,Flu B, RSV,MP,AdV,HRV	Nasopharyngeal swab, Oropharyngeal swab	WR39P0004 (8T), WR39P0005 (24T), WR39P0006 (48T)
Respiratory Pathogen Panel Test(B)	CE	2019-nCoV, Flu A, Flu B, RSV, Strep A, Adv, HRV	Nasopharyngeal swab, Oropharyngeal swab	WR94P0001 (8T), WR94P0002 (24T), WR94P0003 (48T)
Strep A Test	CE	speB gene	Oropharyngeal swab	WR91P0001 (8T), WR91P0002 (24T), WR91P0003 (48T)
Lower Respiratory Pathogen Panel Test	CE	HI,SP,SA,KPN,BP,PA,LP	Sputum	WR40P0004 (8T), WR40P0005 (24T), WR40P0006 (48T)
Vector-borne Pathogen Panel Test	CE	DENV1-4,CHIKV,ZIKV,WNV	Serum, Plasma	WR41P0010 (8T), WR41P0011(24T), WR41P0012 (48T)
CT/NG Test		CT,NG	Urine, Cervical or vaginal swab	WR43P0004 (8T), WR43P0005 (24T), WR43P0006 (48T)
STI Plus Test		CT,NG,UU,MG,TV,MH,HSV	Urine, Cervical or vaginal swab	WR44P0001 (8T), WR44P0002 (24T), WR44P0003 (48T)
GBS Test	CE	GBS (sip,cfb)	Vaginal and rectal swabs	WR45P0004 (8T), WR45P0005 (24T), WR45P0006 (48T)
HPV Test	CE	16,18, 45,11HR HPV	Cervical cells	WR48P0004 (8T), WR48P0005 (24T), WR48P0006 (48T)
MTB Test	CE	IS6110/IS1081 gene	Sputum, Sputum sediment	WE44P0001 (8T), WE44P0002 (24T), WE44P0003 (48T)
MTB&RIF Test	CE	MTB (IS6110/IS1081), RIF (rpoB)	Sputum	WR46P0007 (8T), WR46P0008 (24T), WR46P0009 (48T)
MTB INH&FQs Test	CE	INH (katG/inhA/OxyR-ahpC), FQs (gyrA/gyrB)	Sputum, Culture isolates	WR58P0004 (8T), WR58P0005 (24T), WR58P0006 (48T)
MRSA/SA Test	CE	SA (SPA/nuc), MRSA (mecC/mecA, SCCmeC)	Nasal swabs, skin or soft tissue infection swabs	WR42P0004 (8T), WR42P0005 (24T), WR42P0006 (48T)
Carba Test	CE	blaKPC, blaNDM, blaVIM, blaOXA-48, blaOXA-23, blaIMP	Rectal or Perirectal Swab, Bacterial Isolates	WR88P0001 (8T), WR88P0002 (24T), WR88P0003 (48T)
VRE Test	CE	VRE (vanA,vanB)	Rectal swab, Anal swab	WR47P0004 (8T), WR47P0005 (24T), WR47P0006 (48T)
C. difficile Test	CE	toxin B gene	Unformed stool	WR89P0001 (8T), WR89P0002 (24T), WR89P0003 (48T)
6 Types of Diarrhea Pathogens Test	CE	NoV GI, NoV GII, RVA, EAdV, SaV, AstV	Unformed stool	WR90P0001 (8T), WR90P0002 (24T), WR90P0003 (48T)

Test Procedure



1 Scan the sample ID *2* Scan the cartridge code *3* Load sample *4* Insert the cartridge *5* Various Displays of Results

U-CardDx 200 Cartridge

- 1 minute hands-on preparation
- Delivery of qualitative and quantitative results
- More accurate and sensitive: LoD 200 copies/mL
- Lyophilized reagents for stability

