

# STANDARD *M10* Versatile Point-of-Care MDx Platform

POC MDx Platform designed for more accurate, simpler and faster clinical decision making near-the-patient.



# STANDARD **M10**

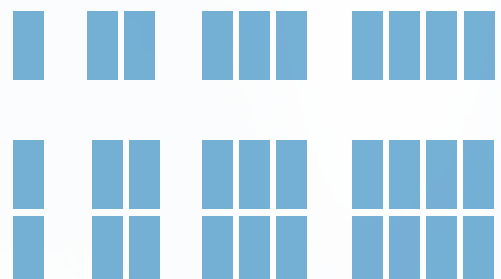
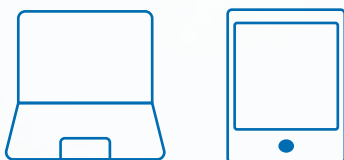
Versatile Point-of-Care MDx Platform



**Isothermal  
amplification**  
+  
**Real-time PCR**  
in One Platform

**Scalable configuration** up to 8 modules  
Suitable for any health care settings

- User friendly GUI with animated guide
- Seamless connectivity with HIS/LIS
- Memory up to 10,000 with Ct values & amplification curves
- 10.1" touch screen
- Alternative operating system to PC (Window) or Tablet (Android)
- Minimized maintenance requirements
- Intuitive status indicator
- Small footprint
- Customized configuration up to 8 modules



# STANDARD *M10*

Small lab in a cartridge

**All-in-one Cartridge** NA extraction + amplification  
**Multiplex assay up to 12-Plex** including IC



- **Reliable result by accumulated technologies**
- **Result in 20-60 minutes**  
NA extraction + amplification
- **One minute hands-on prep**
- **Multiplex using FAM/HEX/Cy5**
- **Room temperature storage**

## Easy way for the better performance



1. Scan the sample ID.



2. Scan the cartridge code.



3. Apply the sample & close the cartridge.

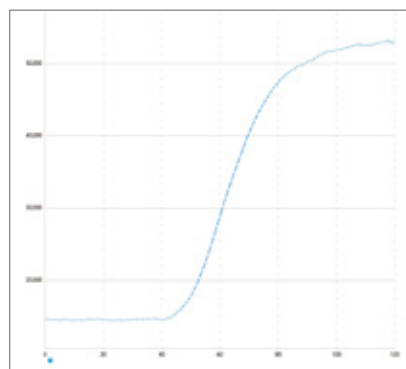


4. Insert the cartridge.

## Result Example

Summary	Amplification	Details
<b>Test Information</b>		
Assay Name	SARS-CoV-2	
Patient ID		
Sample ID	LSM TEST	
Test Type	Specimen	
Run Started	2021/02/14 10:48:49	
Run ended	2021/02/14 11:45:55	
User	admin	
<b>Result</b>		
ORF Lab	Valid	0.99
E	+	0.99
IC	+	28.87

<Summary>



<Amplification - Curve>

Details	
Operator ID	Labuser1
Cartridge S/N	132704480346
Cartridge Expiration Date	2025/04/12
Module S/N	2342831433452
Test Status	Completed
Error Code	-
Test Start Date and Time	2016/06/01 13:15
Test End Date and Time	2016/06/01 14:15
Test Execution Time	30 min 10sec
Assay Name	Assay AB
Test ID	234233
Test Result	Positive
Detected Pathogen	Inf A, Inf B
Undetected Pathogen	EbolaMERS,Agmatx apox


<Details>

# Ordering Information

## Instrument

Products	Contents	Cat. no.
STANDARD M10	1 M10 Console + 1 M10 Module	11M1010
STANDARD M10 Console	1 M10 Console (Operational module)	11M1011
STANDARD M10 Module	1 M10 Module (Analytical module)	11M1012

## Cartridge

Products	Pathogens	Cat. no.
STANDARD M10 SARS-CoV-2 	SARS-CoV-2 (ORF1ab gene, E gene)	11COV10A
STANDARD M10 SARS-CoV-2 20'	SARS-CoV-2 (ORF1ab gene, N gene)	11COV20A
STANDARD M10 Flu/SARS-CoV-2	SARS-CoV-2 (ORF1ab gene, E gene), Inf A, Inf B	11COV30A
STANDARD M10 MDR-TB	TB (IS6110, IS1081), Rifampicin ( <i>rpoB</i> ), Isoniazid ( <i>katG, inhA</i> )	11MDR10A
STANDARD M10 MTB/NTM	TB (IS6110, IS1081), NTM	11TBN10A
STANDARD M10 Arbovirus 6	ZIKV, DENV1, DENV2, DENV3, DENV4, CHIKV	11ARB10A
STANDARD M10 HIV-1 VL	HIV-1 viral load	11HIV10A
STANDARD M10 HBV VL	Hepatitis B virus viral load	11HBV10A
STANDARD M10 HCV VL	Hepatitis C virus viral load	11HCV10A

# Specifications

Description	Details
Power Requirements	AC100~240V, 50/60Hz
Operation Conditions	Temperature 10-40°C (50-104°F) Humidity Condition 20-80%
Test method	LAMP and Real time PCR
System Operator	Console, Desk-top(Window), Tablet(Android)
Instrument module Coupling	Up to 8 modules with Console or Tablet Up to 16 modules with Desktop
Memory	5,000
External Interface	LAN, USB(x4)
LIS/HIS	HL7 PCD-01 profile support
Size	M10 Console : 17 x 23 x 39 cm M10 Module : 14 x 33 x 32 cm
Weight	M10 Console : 2kg M10 Module : 7kg

## SD BIOSENSOR

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