

**STANDARD M10****Versatile Point-of-Care  
Molecular Diagnostic  
Platform**

This product is used  
with SD BIOSENSOR's  
M10 Console & Module.



## STANDARD **M10**

# Arbovirus Panel

*Simultaneous detection of DENV 1-4, ZIKV, CHIKV, YFV and WNV  
for arbovirus screening*

**IVDR**

### Molecular Arbovirus Panel Point-of-Care Test

- The First commercialized **POC PCR** cartridge for arbovirus
- Simultaneous detection of DENV from 4 serotypes, ZIKV, CHIKV, YFV and WNV
- **Differentiate DENV 1-4** serotypes
- Serum / plasma sample

### All-in-one Cartridge Sample-in Result-out

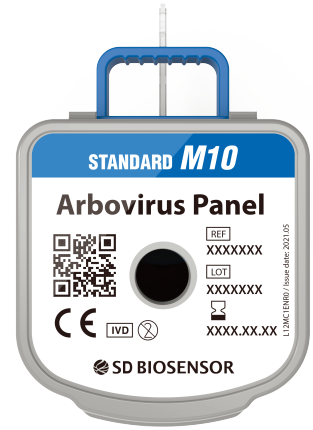
- Real-Time PCR
- **NA extraction + amplification**
- Multiplex assay up to **12-plex**
- Including internal control
- Lyophilized reagents for stability
- Room temperature storage

### Versatile Point-of-Care Molecular diagnostic Platform

- Small footprint
- Random access
- Scalable configuration
- 1 minute hands-on-prep
- **60 minutes** of testing time


# SPECIFICATIONS

Cat no.	11ARB10A
Method	<b>All-in-one Cartridge</b> Viral RNA Extraction Nucleic Acid Amplification: Real-Time RT-PCR
Target gene	<b>DENV</b> (4 serotypes : DENV-1, DENV-2, DENV-3, DENV-4), <b>ZIKV, CHIKV, YFV, WNV</b> Internal Control (IC)
Sample type	Serum and Plasma, 600 µl
Testing time	<b>60 minutes</b>
Storage temp.	2 ~ 28°C
Test / Kit	10 Tests



STANDARD™ M10 Arbovirus Panel


## The FIRST commercialized POC PCR cartridge for arbovirus



**Screening Viruses**

- DENV 1-4 (Differentiate serotypes)
- ZIKV
- CHIKV
- YFV
- WNV

**Global Burden of Major Vector-Borne Diseases**





**M10 Arbovirus Panel cartridge can cover these viruses range.**


Dengue    Chikungunya    Zika    Yello Fever


## TEST PROCEDURE

- 1 Sample ID Scan**


- 2 Cartridge Scan**


- 3 Sample Transfer**


- 4 Cartridge Loading**



## ORDERING INFORMATION

### Instrument

Cat. No.	Product	Contents
11M1011	STANDARD M10 Console	1 M10 Console (Operational module)
11M1012	STANDARD M10 Module	1 M10 Module (Analytical module)

### Cartridge

Cat. No.	Product	Pathogens
11ARB10A	STANDARD M10 Arbovirus Panel	DENV 1-4, ZIKV, CHIKV, YFV, WNV