

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

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



IVD

STANDARD **M10**

MRSA/SA

Simultaneous detection of MRSA (Methicillin-resistant *Staphylococcus aureus*) and MSSA (Methicillin-susceptible *Staphylococcus aureus*) with high sensitivity through multi-target gene detection.

Broad Target Coverage

- MSSA target gene: *spa*
- MRSA target gene
 - *mecA*
 - *mecC*
 - *SCCmec*
- Covers all **SCCmec types from I to XV***
- Covers strain **CC1-MRSA-IV** and **ST398****
- Simultaneous detection of MRSA and MSSA

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

- **Fast results in 40 minutes*****
- NA extraction + amplification
- Multiplex assay up to **12-plex**
- Internal control included
- Lyophilized reagents ensure stability
- Room temperature storage

Versatile Point-of-Care Molecular diagnostic Platform

- Enhanced usability
- Random access
- **4 steps** from sample to result
- 1-minute hands-on preparation
- LIS/HIS connectivity (HL7)
- Simple sample handling process

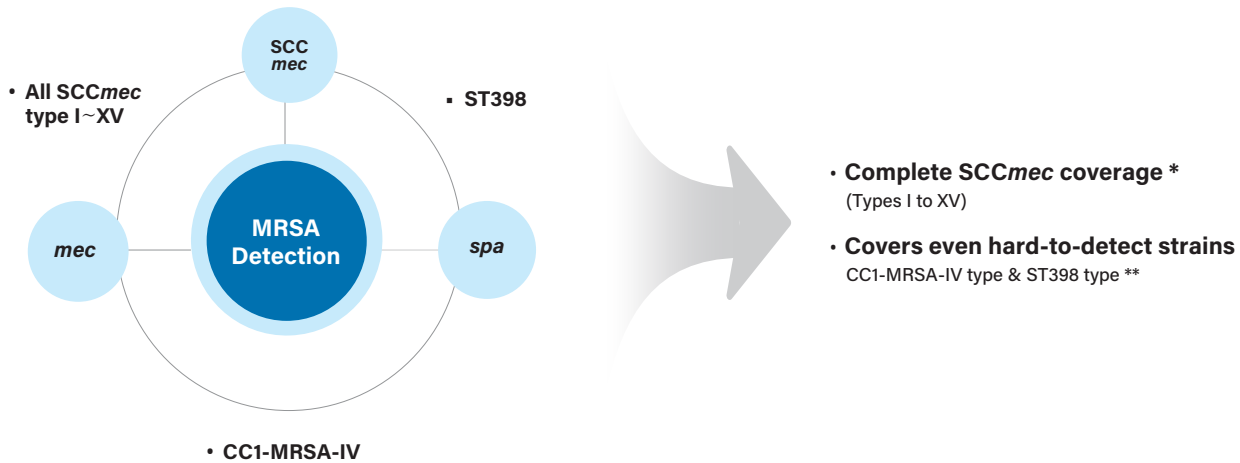
SPECIFICATIONS

Cat no.	11MSS10A
Method	All-in-one Cartridge Bacterial DNA Extraction Nucleic Acid Amplification : Real-Time PCR
Target gene	<ul style="list-style-type: none"> • <i>SCCmec</i> • <i>mec (mecA, mecC)</i> • <i>spa</i> • Internal Control (IC)
Sample type	Nasal swab (liquid)
Limit of Detection	<ul style="list-style-type: none"> - MRSA <i>mecA</i> : 64.19 CFU/swab - MRSA <i>mecC</i> : 167.14 CFU/swab - MSSA : 88.16 CFU/swab
Testing time	40-70 minutes*** (Early call for MRSA)
Storage temp.	2~28°C
Test / Kit	10 Tests / Kit

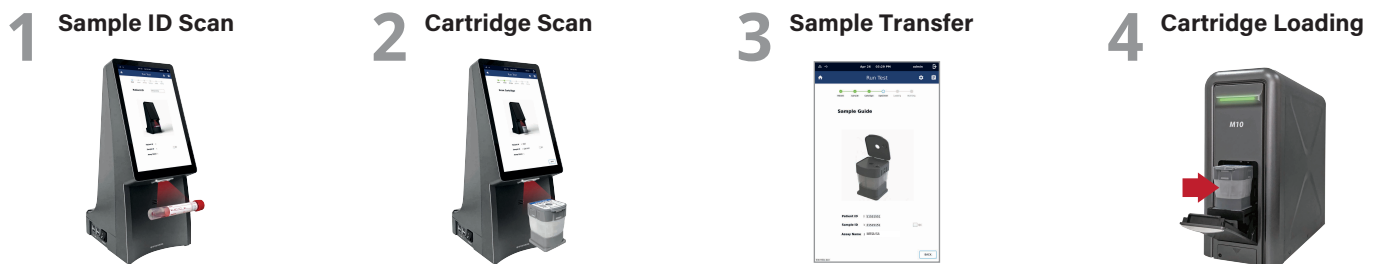


**STANDARD™ M10
MRSA/SA**

Why STANDARD M10 MRSA/SA POC PCR matters



TEST PROCEDURE



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	Target
11MSS10A	STANDARD M10 MRSA/SA	MRSA (<i>mecA</i> , <i>mecC</i> , <i>SCCmec</i>), MSSA (<i>spa</i>)

* Early call for MRSA positive results as fast as 40 minutes. Negative results in 70 minutes.

** specific strain coverage is determined by in-silico analysis

*** Subtype coverage is determined by wet test or in-silico analysis

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