

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

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



STANDARD **M10** STI Panel

Simultaneous detection of CT, NG, MG, TV, UU, MH, HSV1, HSV2

Molecular STI Panel Point-of-Care Test

- The First commercialized **POC PCR** cartridge for 8 major STI pathogens
- Simultaneous detection of CT, NG, MG, TV, UU, MH, HSV1, HSV2
- Urine 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
- Storage temperature: 2–28°C

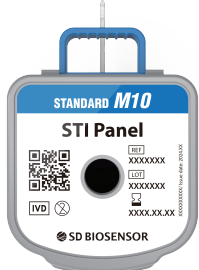
Versatile Point-of-Care Molecular diagnostic Platform

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



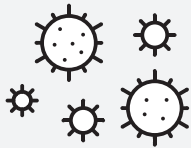
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SPECIFICATIONS

Cat no.	11STI10A			 <p>STANDARD™ M10 STI Panel</p>
Method	All-in-one Cartridge DNA Extraction Nucleic Acid Amplification: Real-time PCR			
Sample type	Urine, 1ml			
Testing time	64 minutes			
Storage temp.	2 ~ 28°C			
Test / Kit	10 Tests			
Limit of Detection	CT - 3.8 IFU/mL NG - 1.3 CFU/mL	MG - 0.02 bacteria/mL TV - 6 trophozoites/mL	UU - 0.5 CCU/mL MH - 0.06 CFU/mL	
Target gene	<i>Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium, Trichomonas vaginalis, Ureaplasma urealyticum, Mycoplasma hominis, Herpes simplex virus 1 (HSV1), Herpes simplex virus 2 (HSV2)</i> Internal Control (IC)			

The First POC PCR for Detecting 8 major STI pathogens

More than **1 MILLION STIs** are acquired every day worldwide.
Left untreated, STIs can cause:



✓ Increased risk of spreading or infecting HIV



✓ Long-term pelvic, abdominal pain



✓ Inability to get pregnant or pregnancy complications

Simultaneous Detection



- CT
- NG
- MG
- TV
- UU
- MH
- HSV1
- HSV2

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
11STI10A	STANDARD M10 STI Panel	CT, NG, MG, TV, UU, MH, HSV1, HSV2