

STANDARD F

TnI FIA



SD BIOSENSOR

STANDARD F TnI FIA performs quantitative measurement of Troponin I (TnI) level in plasma and whole blood samples using fluorescence immunochromatography. Through the STANDARD F Analyzer, test results with high sensitivity and specificity can be obtained.

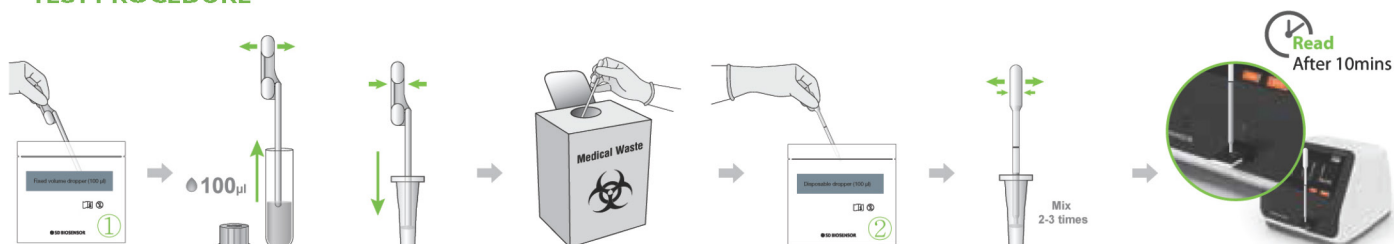
- TnI is a cardiac marker for the diagnosis of myocardial infarction
- Automatic strip recognition by reading the information stored in 2D barcode
- Reagents can be stored at room temperature : 2-30°C / 36-86°F
- Plasma and Whole blood samples available



Specification

Intended use	Quantitative measurement of TnI level for diagnosis of AMI
Specimen Volume	Whole Blood (EDTA), Serum
Specimen type	100 µl
Measurement Range	0.05 – 20 ng/mL
Reference Range	< 0.05 ng/mL
Testing Time	10 mins
Storage Condition	2 – 30°C / 36 – 86°F

TEST PROCEDURE



Collect 100 µl of sample with a fixed volume dropper (100 µl).

Dispense collected sample into the extraction buffer tube. Then, discard the used fixed volume dropper (100 µl).

Mix sample and buffer 2-3 times with the disposable dropper (100 µl). Then collect 100 µl of sample mixture.

Apply the sample mixture into the sample well of the test device and immediately press the start button.

METHOD COMPARISON

Reference method vs STANDARD F CK-MB FIA

Correlation with ECLIA Method	$y=0.9677x - 0.0069$; $R=0.9918$; $n=120$
CV%	QCL=8.8% / QCM=7.4% / QCH=7.1%
Differ (%)	Within 15% (Serum) / Within 20% (Whole Blood)

ORDERING INFORMATION

Category	Product	Pack Size
Cardiovascular	STANDARD F TnI FIA	20 Test
	STANDARD F TnI Control	Lv1 x 10 / Lv2 x 10