STANDARD F
D-dimer FIA

SD BIOSENSOR

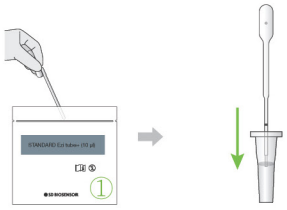
STANDARD F D-dimer FIA performs quantitative measurement of D-dimer level in plasma and whole blood samples using fluorescence immunochromatography. Through the STANDARD F Analyzer, test results with high sensitivity and specificity can be obtained.

- D-dimer is a cardiac marker for the diagnosis of thrombosis pulmonary embolism
- Automatic strip recognition by reading the information stored in 2D barcode
- Reagents can be stored at room temperature: 2-30℃ / 36-86℉
- Plasma and Whole blood samples available

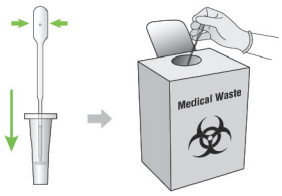
CE

Specification	
Intended use	Quantitative measurement of D-dimer level to rule out the presence of an inappropriate blood clot (thrombus)
Specimen Type	Whole Blood (Sodium Citrate), Plasma (Sodium Citrate)
Specimen Volume	10 µl
Measurement Range	25 - 5,000 ng/mL FEU
Reference Range	≤ 500 ng/mL (FEU)
Testing Time	7 mins.
Storage Conditions	2-30℃ / 36-86℉

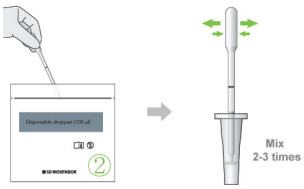
TEST PROCEDURE



Collect 10 µl of sample with a STANDARD Ezi tube+ (10 µl).



Dispense collected sample into the extraction buffer tube. Then, discard the used STANDARD Ezi tube+ (10 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=1.0062x + 17.742; R=0.9920; n=120
CV%	QCL=6.8% / QCM=7.5% / QCH=8.8%
Differ (%)	Within 15%

ORDERING INFORMATION

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