

I FIA SD BIOSENSOR

STANDARD F LH FIA is a flourescent immunoassay for the quantitative measurement of LH level in human serum, plasma and whole blood. The test is performed to help evaluate fertility issues, functions of reproductive organs (ovaries or testicles), or to detect the ovulation.

- Automatic strip recognition by reading the information stored in 2D barcode
- Reagents can be stored at room temperature
- Whole blood, serum and plasma specimens available



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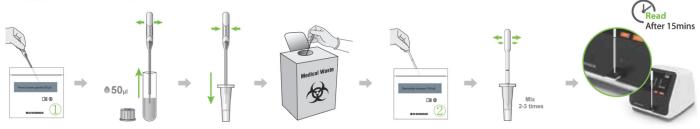
Specification		
Specimen Volume	Whole Blood, Serum, Plasma	
Specimen type	20 μΙ	
Measurement Range	1 - 100 mIU/ml (during ovulation phase)	
Reference Range	14.0 - 95.6 mIU/mL (during ovulation phase)	
Testing Time	15 mins	
Storage Condition	2 - 30°C / 36 - 86°F	

METHODS OF SAMPLE COLLECTION





TEST PROCEDURE



Collect 50 μ l of sample with a fixed volume pipette (50 μ l).

Dispense collected sample into the extraction buffer tube. Then, discard the used fixed volume pipette (50 µI).

Mix sample and buffer 2-3 times with the disposable dropper (100 μ l). Then collect 100 μ l 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 LH FIA		
Correlation vs ECLIA Method	y=0.9916x+0.0866; R=0.9921; n=210	
CV%	QCL=8.3% / QCM=8.0% / QCH=8.2%	
Differ (%)	Within 15%	

ORDERING INFORMATION

Category	Product	Pack Size
Hormone	STANDARD F LH FIA	20 Test
	STANDARD F LH Control	Lv1 x 10 / Lv2 x 10

