STANDARD F β-hCG FIA



» Background

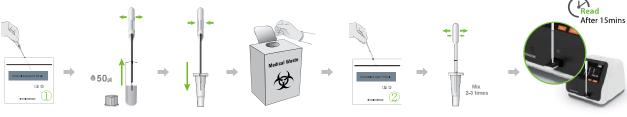
STANDARD F β -hCG FIA is a fluorescent immunoassay for the quantitative measurement of β -hCG level in human serum and whole blood. This test is performed to help diagnose pregnancy if a women is to undergo a medical treatment, be placed on certain drugs, or have other testing, such as x-rays, that might harm the developing baby.

» Product Specification



STANDARD F β-hCG FIA	
Intended use	Quantitative measurement of $\beta\text{-hCG}$ level to diagnose pregnancy at early stage
Specimen type	Whole blood, Serum
Specimen volume	50 μl
Measurement range	5 - 1,500 mIU/mL
Reference range	≥ 5.0 mIU/mL
Testing time	15 mins (Whole blood) 10 mins (Serum)
Storage condition	2 − 30°C / 36 - 86°F

» Test Procedure



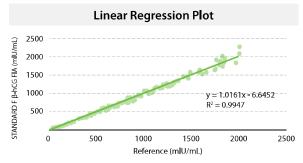
Collect 50 μ l of sample with a fixed volume pipette (50 μ l).

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

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 β-hCG FIA			
Correlation vs Roche cobas	y=1.0161x-6.6452; r=0.9968; n=180		
CV%	QCL=4.7% / QCM=4.7% / QCH=4.5%		
Differ(%)	Within 15%		

» Ordering Information

Category	Product	Pack Size	CAT No.
Hormone —	STANDARD F β-hCG FIA	20 Tests	10BHC10B
	STANDARD F β-hCG Control	Lv1 x 10 / Lv2 x 10	10BHCC10