

# STANDARD F TSH FIA

STANDARD F TSH FIA is a fluorescent immunoassay for the quantitative measurement of Thyroid Stimulating Hormone level in human serum. This test is to help diagnose thyroid disorder; to monitor treatment of hypothyroidism and hyperthyroidism.

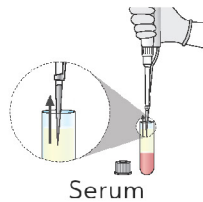
- TSH is a hormone that can diagnose hypothyroidism & hyperthyroidism
- Automatic strip recognition by reading the information stored in 2D barcode
- Reagents can be stored at room temperature



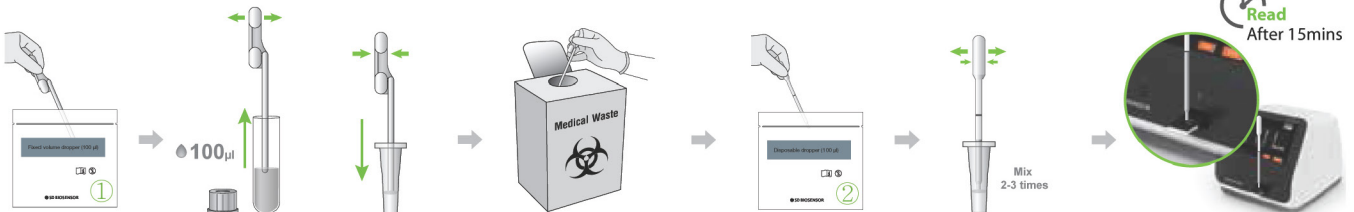
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Specification	
Specimen Type	Serum
Specimen Volume	100 µl
Measurement Range	0.1-100 mIU/mL
Reference Range	0.45 - 4.5 mIU/L
Testing Time	15 mins.
Storage Conditions	2-30°C / 36-86°F

## METHODS OF SAMPLE COLLECTION



## 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 TSH FIA	
Correlation vs ECLIA Method	$y = 1.1097x - 0.5$ ; $R = 0.9943$ ; $n = 110$
CV%	QCL=7.4% / QCM=6.5% / QCH=4.9%
Differ (%)	Within 15%

## ORDERING INFORMATION

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