STANDARD F

TB-Feron FIA (IFN-gamma) ⊗sd biosensor

STANDARD F TB-Feron FIA (IFN-gamma) aids to diagnosis of Tuberculosis infection. TB Antigens coated in TB-Feron Tube stimulate T cells in heparinized whole blood from patients with symptoms of Tuberculosis (TB), and T cells secrete interferon- γ (IFN- γ). The concentration of IFN- γ is measured by fluorescent immunoassay (FIA) to identify in vitro responses to those recombinant TB Antigens that are associated with M.tuberculosis infection.



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Specification		
Intended use	Detection of interferon-gamma (IFN-γ) by flourescence immunoassay	
Specimen Volume	100μl (collected from sensitized whole blood in TB-Feron Tubes)	
Specimen Type	Plasma	
Dynamic Range	0.1-10IU/ml	
Testing Time	15 minutes	
Display	2-30°C / 36-86°F	

TEST PROCEDURE



Collect 1ml of whole blood into each TB-Feron Tube (Nil, TB Ag, Mitogen)



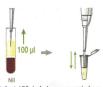
Incubate the well-mixed blood tubes at 37°C for 16 to 24 hours



TB antigen Nil Mitogen
After incubation of the tubes at 37°C, collect plasma by centrifuging tubes



Insert the test device to the test slot of the F analyzer



Collect 100µl of plasma sample from Nil tube using a pipette, and mix the sample with a conjugate tablet



Apply the sample mixture into the sample well of the test device and immediately press the "TEST START" button. Repeat the following steps in the order Nil sample, TB Antigen sample and Mitogen sample.

TEST PERFORMANCE

Reference		Product Q (4 tubes format)		TOTAL
		Positive	Negative	IOIAL
STANDARD F TB-Feron FIA (IFN-gamma)	Positive	26	0	26
	Negative	2	26	28
		28	26	28

Positive agreement (%): 93%
Negative agreement (%): 100%
Total agreement (%): 96.3%

ORDERING INFORMATION

ORDERING IN CRIMATION				
Category	Product	Pack Size		
Respiratory	STANDARD FTB-Feron FIA (IFN-γ)	30 Test		
	STANDARD FTB-Feron Tube SPP	30 Tubes		

