



Critical Medical Decisions

Decide With Confidence

Apothi Fluorescence Immunoassay System

- Powered by Europium-based Technology**
Europium is at the core of Time-resolved Immunofluorescence
- Single Test Mode as well as Batch Test Mode**
Easy operations depending on requirements to increase efficiency
- Comprehensive Range of Test Menu**
Multiple Test parameters in the area of Endocrinology, Cardiology, Inflammation, Nephrology etc.



Technical Specifications

Principle:	Fluorescence Immunoassay
Test Format:	Cassette
Measurement:	Quantitative/Qualitative
Read Time:	<10 Seconds
Test Time:	Ref:Analytes
Specimen:	Urine/Plasma/Serum/Whole Blood/Swab
Display:	7" LCD touch screen
Power Source:	DC 12V
Dimensions(L/W/H):	280×240×130 mm
Weight:	<2.5Kg
OS:	Linux-based, windows – compatible Program
Storage Conditions:	-10°C ~ 40 °C
Operating Conditions:	4°C ~ 30 °C
Printer:	Built-in thermal printer
Connectivity:	USB 4 ports, LAN port, RS232 COM port (WLAN and GPRS are optional functions)
Compatibility:	LIS, HIS
Analytes:	Inflammation markers/Cardiac markers/Others.....

Advantages:

- * High accuracy powered by Europium based technology.
- * Plug and play Simple Operation supported by ID cards eliminating the need for calibration each time.
- * Ideal for Emergency situations with lightweight and easy operation.
- * Quantitative Test Results – Critical for emergency therapeutic decisions.
- * Reading time less than 10 seconds – Time-saving.
- * Eliminates the need for constant clearing of cache with a storage capacity of up to 50000 test results.
- * Built-in thermal printer, printing test reports instantly.
- * Option of connecting to Laboratory information system or standalone computer.

Ordering Information:

Cat.No.	Product Description	Pack
AFR-ACO200	Apoti™ Fluorescence Immunoassay Analyzer (without Scanner)	1 Unit
AFR-ACO200S	Apoti™ Fluorescence Immunoassay Analyzer (with Scanner)	1 Unit

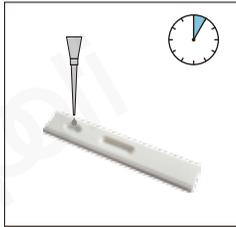
Single Test Mode as well as Batch Test Mode



Single Test



Quick Test



Dispense Sample



Insert after Incubation



Press "Quick Test" or Test Button



Get Result



Standard Test

- Walk Away System: Just add the sample to the test unit and insert test unit in the analyzer and do whatever you want during the incubation period. Results would be available at the end of incubation period with automatic reading.
- Allows the skilled technicians to do other tasks during the waiting period



Dispense Sample



Insert Immediately



Press "Standard Test" or Test Button



Get Result



Batch Test

- Multiple tests can be done at one time during the incubation period.
- Testing according to the alarm reminder.
- Saves time, when number of samples are high.



Press "Add Sample" to add the IDs of all samples to be tested.



Dispense the 1st sample and Press "START INCUBATION". Repeat the same operation for the rest tests.

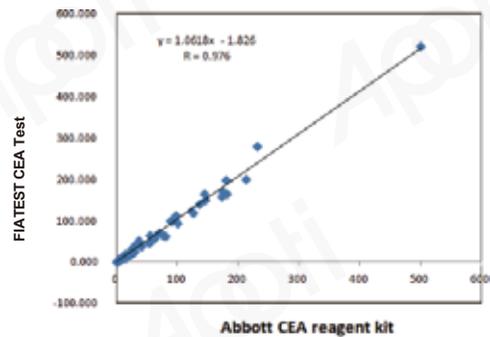
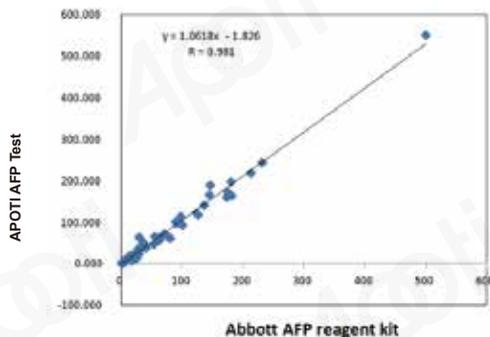


Insert the 1st test and Press "START TEST" as the 1st alarm starts to ring. Repeat the same operation for the rest tests.



Get Result

Reliable Results



...serves you in the way you need.

Test Menu

Cat.No.	Test	Specimen	Cut-off	Measuring Range	Pack
Inflammation Marker					
ACO-CRP-402	CRP	WB/S/P	1 ug/mL, 10ug/mL	0.5~200 mg/L	10T/25T
ACO-PCT-402	PCT	WB/S/P	0.5 ng/mL	0.1~50 ng/ml	10T/25T
Tumor Marker					
ACO-PSA-302	PSA	S/P	4 ng/mL	2~100 ng/mL	10T/25T
ACO-AFP-302	AFP	S/P	20 ng/mL	5~400 ng/mL	10T/25T
ACO-CEA-302	CEA	S/P	4 ng/mL	1~500 ng/mL	10T/25T
ACO-FOB-602	FOB	Feces	50ng/ml	10~1000 ng/ml	10T/25T
Cardiac Marker					
ACO-CTI-402	cTnl	WB/S/P	0.5 ng/mL	0.2-40 ng/mL	10T/25T
ACO-CTNT-402	cTnT	WB/S/P	0.5 ng/mL	0.2-40 ng/mL	10T/25T
ACO-NBNP-402	NT-proBNP	WB/S/P	450 pg/mL	300-22000 pg/mL	10T/25T
ACO-CKMB-402	CK-MB	WB/S/P	5 ng/mL	0.2-75 ng/mL	10T/25T
ACO-MYO-402	Myoglobin	WB/S/P	90 ng/mL	5-200 ng/mL	10T/25T
ACO-HFA-402	H-FABP	WB/S/P	8 ng/mL	1-120 ng/mL	10T/25T
Coagulation					
ACO-DDM-402	D-Dimer	WB/S/P	0.5 mg/L	0.1~10 mg/L	10T/25T
Endocrinology					
ACO-FSH-402	FSH	WB/S/P	25 mIU/mL	10~80 mIU/mL	10T/25T
ACO-T4-302	T4	S/P	65~155 nmol/L	12.87~300 nmol/L	10T/25T
ACO-TSH-302	TSH	S/P	5 µIU/mL	0.1-100 µIU/mL	10T/25T
ACO-BHCG-302	β-HCG	S/P	25 mIU/ml	5~10,000 mIU/mL	10T/25T
ACO-LH-402	LH	WB/S/P	40 mIU/mL	20~300 mIU/mL	10T/25T
Nephrology					
ACO-ALB-102	mAlb	Urine	20 mg/L	5-300 mg/L	10T/25T
ACO-CYSC-402	CysC	WB/S/P	1.1 mg/L	0.1-9 mg/L	10T/25T
ACO-BMG-402	β2MG	WB/S/P	2.2 mg/l	0.2~20 mg/L	10T/25T
ACO-NGAL-102	N-GAL	Urine	10 ng/mL	10-1500 ng/mL	10T/25T
Infectious Diseases					
ACO-STA-502	Strep A	Swab	/	Qualitative	10T/20T
ACO-FLU-502	FLU A+B	Swab	/	Qualitative	10T/20T
ACO-RSV-502	RSV	Swab	/	Qualitative	10T/20T
ACO-DEN-402	Dengue IgG/IgM	WB/S/P	/	Qualitative	10T/25T
ACO-DES-402	Dengue NS1	WB/S/P	/	Qualitative	10T/25T
Autoimmunity					
ACO-IGE-402	IgE	WB/S/P	333 IU/ml	20~1600 IU/mL	10T/25T
Diabetes					
ACO-HBA-402	HbA1c (Incubator is suggested)	WB	4-6%	4-14.5%	10T/25T

Products in Development :

Endocrinology:

√ Cortisol √ 17-β-estradiol √ Progesterone √ T3 √ Testosterone

Infectious Diseases:

√ Anti-HIV √ Anti-HCV √ HBsAg √ COVID-19 Antigen √ COVID-19 IgM/IgG

Cardiac Marker:

√ CK-MB / Myo / cTnl Combo (3 in 1)

Others:

√ Vitamin D √ Ferritin



ACRO Biotech, Inc.