

Fluorescence Immunoassay Analyzer

AFR-CT400

Take the Flight of Success
with CITest

Built-in Thermal Printer

- ✓ Get fast results in 20 seconds
- ✓ Print test report Instantly



7" LCD Touch Color Screen
with Clear step-by-step
instruction

Six Test Cassette Slots

- ✓ High Efficiency with multiple items in One Go
- ✓ Built-in Incubation with temperature control,
no need for manual timing and waiting
- ✓ Automatically detection, discard, and
upload results

ID Card Slot
ID Card contains all
test information

RS232 COM
port of Scanner



RS232 COM port for LIS
System

USB Port for USB flash disk
to update software or export
test results by EXCEL file

LAN Port for Network to
Connect LIS System

Fluorescence Immunoassay Analyzer

AFR-CT400



6 Channels

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Technical Specifications

Principle : Fluorescence Immunoassay
Test Format : Cassette
Measurement : Quantitative, Qualitative
Read Time : < 20 Seconds
Display : 7" LCD touch color screen
Memory : 8000 records
Power Source : DC 24V 4A

Dimensions (L*W*H) : 320*315*300 mm
Weight : 3.5 Kg
Storage Condition : -10 - 40 C
Working Condition : 4 - 30 C
Printer : Built-in thermal printer
Compatibility : LIS, HIS

Scanner : Laser barcode scanner with COM port
Connectivity : RS232 COM 2 ports, USB 2 ports and LAN Port (WLAN and GPRS are optional functions)



- High Accuracy (Stringent Quality Control Monitoring & System Check Function)
- User-Friendly (Simple Plug & Play Operation, 7" LCD Touch Screen)
- Easy Operation (Less Training Required)
- High Efficiency (Both STAT Testing and Batch Testing, Six Tests in One Go)
- Ideal for Emergency Situations (Lightweight, Small Size and Easy Operation)
- Time-saving (Reading Time less than 20 Seconds)
- Get Printing Test Reports Instantly (Built-in Thermal Printer)
- LIS/HIS Compatibility Available
- Strong Stability
- Extensive Test Menu

Scope of Application

Fluorescence Immunoassay Analyzer works with certain fluorescent reagents. It's for in vitro diagnosis professionals and Point of Care Use. It may be used in central laboratories of medical institutions, outpatient or emergency departments, clinical departments or medical services (such as community health centers), or medical center, etc. It can also be used in research laboratories.

Test Menu

Cat. No.	Test	Specimen	Cut-off/ Reference Value	Measuring Range	Pack	CE status
Inflammation Marker						
FI-CRP-402	CRP	WB/S/P	hsCRP: 1 mg/L, CRP: 10 mg/L	0.5-200 mg/L	10T/25T	CE
FI-PCT-402	PCT	WB/S/P	0.5 ng/mL	0.1-50 ng/mL	10T/25T	CE
FI-IL6-CT402	IL-6	WB/S/P	10 pg/mL	3.0-5000 pg/mL	10T/25T	CE
FI-SAA-CT402	SAA	WB/S/P	10 mg/L	1-300 mg/L	10T/25T	CE
Tumor Marker						
FI-PSA-302	PSA	S/P	4 ng/mL	2-100 ng/mL	10T/25T	Non-CE
FI-AFP-302	AFP	S/P	20 ng/mL	5-400 ng/mL	10T/25T	CE
FI-CEA-302	CEA	S/P	4 ng/mL	1-500 ng/mL	10T/25T	CE
FI-FOB-CT602	FOB	Feces	50 ng/mL	10-1000 ng/mL	10T/25T	CE
Cardiac Marker						
FI-CTI-402	cTnI	WB/S/P	0.5 ng/mL	0.1-40 ng/mL	10T/25T	CE
FI-CTNT-402	cTnT	WB/S/P	0.5 ng/mL	0.2-40 ng/mL	10T/25T	CE
FI-NBNP-402	NT-proBNP	WB/S/P	450 pg/mL	300-22000 pg/mL	10T/25T	CE
FI-CKMB-402	CK-MB	WB/S/P	5 ng/mL	0.2-75 ng/mL	10T/25T	CE
FI-HFA-402	H-FABP	WB/S/P	8 ng/mL	1-120 ng/mL	10T/25T	CE
FI-MYO-402	Myoglobin	WB/S/P	90 ng/mL	5-200 ng/mL	10T/25T	CE
FI-AMI-CT435	Troponin I/Myoglobin/ CK-MB(3 in 1)	WB/S/P	cTnI: 0.5 ng/mL MYO: 90 ng/mL CK-MB: 5 ng/mL	0.1-40 ng/mL 5-200 ng/mL 0.2-75 ng/mL	10T/25T	CE
FI-AMT-CT435	Troponin T/Myoglobin/ CK-MB(3 in 1)	WB/S/P	cTnT: 0.2 ng/mL MYO: 90 ng/mL CK-MB: 5 ng/mL	0.1-40 ng/mL 5-200 ng/mL 0.2-75 ng/mL	10T/25T	CE
FI-CPC-CT435	Troponin I/NT-proBNP/ D-Dimer(3 in 1)	WB/S/P	cTnI: 0.5 ng/mL NT-proBNP: 500 ng/mL D-Dimer: 0.45 ng/mL	0.1-40 ng/mL 100-10000 ng/mL	10T/25T	CE
Coagulation						
FI-DDM-402	D-Dimer	WB/P	0.5 mg/L	0.1-10 mg/L	10T/25T	CE
Endocrinology						
FI-FSH-402	FSH	WB/S/P	/	1-100 mIU/mL	10T/25T	CE
FI-LH-402	LH	WB/S/P	/	1-300 mIU/mL	10T/25T	CE
FI-T3-CT302	T3	S/P	1.23-3.08 nmol/L	0.62-9.24 nmol/L	10T/25T	CE
FI-T4-302	T4	S/P	65-155 nmol/L	12.87-300 nmol/L	10T/25T	CE
FI-TEST-CT302	Testosterone	S/P	Female: 0.2 ng/mL, Male: 2.6-12 ng/mL	1.0-20 ng/mL	10T/25T	CE
FI-BHCG-302	β-hCG	S/P	25 mIU/mL	5-10,000 mIU/mL	10T/25T	CE
FI-BHCG-CT402	β-hCG	WB/S/P	5 mIU/mL	2-200,000 mIU/mL	10T/25T	CE
FI-P4-CT302	Progesterone (P4)	S/P	/	1.4-60 ng/mL	10T/25T	CE
FI-FER-CT302	Ferritin	S/P	Male: 30-400 ng/mL, Female: 13-150 ng/mL	1.0-500.0 ng/mL	10T/25T	CE
FI-TSH-302	TSH	S/P	5 μIU/mL	0.1-100 μIU/mL	10T/25T	CE
FI-AMH-CT402	AMH	WB/S/P	0.1 ng/mL	0.05-25 ng/mL	10T/25T	CE
FI-PRL-CT402	Prolactin (PRL)	WB/S/P	/	1-200 ng/mL	10T/25T	CE
FI-FT4-CT302	FT4	S/P	6.7-16.4 pmol/L	1-100 pmol/L	10T/25T	CE
FI-FT3-CT302	FT3	S/P	2.6-5.7 pmol/L	1.5-46 pmol/L	10T/25T	CE

Cat. No.	Test	Specimen	Cut-off/ Reference Value	Measuring Range	Pack	CE status
Nephrology						
FI-ALB-102	mAlb	Urine	20 mg/L	5-300 mg/L	10T/25T	CE
FI-CYSC-402	CysC	WB/S/P	1.1 mg/L	0.1-9.0 mg/L	10T/25T	CE
FI-BMG-402	β2MG	WB/S/P	2.2 mg/L	0.2-20 mg/L	10T/25T	CE
FI-NGAL-102	N-GAL	Urine	10 ng/mL	10-1500 ng/mL	10T/25T	CE
Infectious Diseases						
FI-STA-502	Strep A	Swab	/	Qualitative	10T/20T	CE
FI-FLU-502	FLU A+B	Swab	/	Qualitative	10T/20T	CE
FI-RSV-502	RSV	Swab	/	Qualitative	10T/20T	CE
FI-NCP-CT502	COVID-19 Antigen	Swab	/	Qualitative	20T	CE
FI-NCP-CT402	COVID-19 IgG/IgM	WB/S/P	/	Qualitative	10T/25T	CE
FI-CSG-CT402	COVID-19 S-RBD IgG Antibody	WB/S/P	/	Semi-quantitative	10T/25T	CE
FI-CIC-CT525	COVID-19/FLU A+B (2 in 1)	NP Swab	/	Qualitative	20T	CE
FI-DEN-402	Dengue IgG/IgM	WB/S/P	/	Qualitative	10T/25T	CE
FI-DES-402	Dengue NS1	WB/S/P	/	Qualitative	10T/25T	CE
FI-SYP-CT402	Syphilis	WB/S/P	/	Qualitative	10T/25T	CE
FI-HP-CT602	H. pylori Antigen	Feces	/	2-1500 ng/mL	10T/25T	CE
FI-HBSB-CT402	HbsAb	WB/S/P	/	5-1000 mIU/mL	10T/25T	Non-CE
Others						
FI-IGE-402	IgE	WB/S/P	100 IU/mL	20-1600 IU/mL	10T/25T	CE
FI-HBA-402	HbA1c (Incubator optional)	WB	4-6%	4-14.5%	10T/25T	CE
FI-VD-CT302	Vitamin D	S/P	> 30 ng/mL	5-100 ng/mL	10T/25T	CE

N.B.: Items with "*" are only for sample now, check the latest specifications with the sales representative before purchase, please.



Product Features

- ✓ Powered by Europium-based Technology for High Quality
- ✓ Fast Result (3-15 minutes)
- ✓ Simple Operation (Less Training Required)
- ✓ Objective (Results Read by Analyzer)
- ✓ Stringent Quality Control Insure High Accuracy
- ✓ Easy Storage Condition (4-30°C) with 2 Years Shelf Life