



Novatrend Plus+

AFR-600



Dry-type Fluorescent Immunoassay Analyzer

CE Marked
Health Canada

EU IVDR Registered

Technical Specifications	
Test Method :	Dry-type Fluorescent Immunoassay
Test Format :	Cassette
Measurement :	Quantitative, Qualitative
Reading Time :	< 20 Seconds
Display :	7" LCD touch screen
Memory :	10000 Records
Dimensions(L*W*H) :	220*190*120 mm
Weight :	2 kg
Storage Conditions :	5-45 °C, RH ≤85%
Working Conditions :	10-30 °C, RH ≤85%
Printer :	Built-in thermal printer
Power Source :	100-240VAC, 50/60Hz
Compatibility :	LIS
Scanner :	Laser barcode scanner with USB port
Connectivity :	USB 2 ports, LAN port, RS232 COM port (WLAN is an optional function)

- Large Memory**
Capable of storing 10,000 result records
- High Accuracy**
Stringent Quality Control Monitoring & System Check Function
- User-Friendly**
Simple Plug & Play Operation, Big LCD Touch Screen
- Easy Operation**
Less Training Required
- 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 Compatibility Available**
- Strong Stability**
- Extensive Test Menu**

Test Menu

Cat. No.	Product	Specimen	Cut-off	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-IL6-402	IL-6	WB/S/P	10 pg/mL	3.0-5000 pg/mL	10T/25T	CE
FI-SAA-402	SAA	WB/S/P	10 mg/L	1-300 mg/L	10T/25T	CE
* FI-ASO-302	Anti-streptolysin O (ASO)	S/P	*Adults: < 200 IU/mL ; Children: <250 IU/mL*	25-800 IU/mL	10T/25T	/
Tumor Marker						
FI-PSA-302	PSA	S/P	4 ng/mL	2-100 ng/mL	10T/25T	Non-CE
FI-FPSA-302	Free PSA	S/P	/	0.1-30 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-602	FOB	Feces	50 ng/mL	10-1000 ng/mL	10T/25T	CE
Cardiac Marker						
FI-CTnI-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-435	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-AMIT-435	Troponin T/ Myoglobin/CK-MB Combo (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-435	Troponin I/NT-proBNP/D-Dimer Combo (3 in 1)	WB/S/P	cTnI: 0.5 ng/mL D-Dimer: 500 ng/mL NT-proBNP: 0.45 ng/mL	0.1-40 ng/mL 100-10000 ng/mL 0.3-22 ng/mL	10T/25T	CE
* FI-CA211-302	Cyfra21-1	S/P	<3.3 ng/mL	0.1-200ng/mL	10T/25T	/
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-T3-302	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-TES-302	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-402	β-hCG	WB/S/P	5 mIU/mL	2-200,000 mIU/mL	10T/25T	CE
FI-P4-302	Progesterone (P4)	S/P	/	1.4-60 ng/mL	10T/25T	CE
FI-FER-302	Ferritin	S/P	Male:30-400 ng/mL, Female:13-150 ng/mL	1.0-500 ng/mL	10T/25T	CE
FI-TSH-302	TSH	S/P	5 µIU/mL	0.1-100 µIU/mL	10T/25T	CE
FI-AMH-402	AMH	WB/S/P	/	0.05-25 ng/mL	10T/25T	CE
FI-PRL-402	Prolactin (PRL)	WB/S/P	/	1-200 ng/mL	10T/25T	CE
FI-FT4-302	FT4	S/P	6.7-16.4 pmol/L	1-100 pmol/L	10T/25T	CE
FI-FT3-302	FT3	S/P	2.6-5.7 pmol/L	1.5-46 pmol/L	10T/25T	CE
FI-COR-302	Cortisol	S/P	140 - 690 nmol/L	50 nmol/L-1000 nmol/L	10T/25T	CE
Nephrology						
FI-ALB-102	mAlb	Urine	20 mg/L	5-300 mg/L	10T/25T	CE
FI-CYS-402	CysC	WB/S/P	1.1 mg/L	0.1-19 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

Cat. No.	Product	Specimen	Cut-off	Measuring Range	Pack	CE status
Diabetes						
FI-HBA-402	HbA1c	WB	4 - 6%	4 - 14.5%	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-502	COVID-19 Antigen	Swab	/	Qualitative	20T	CE
FI-NCP-402	COVID-19 IgG/IgM	WB/S/P	/	Qualitative	10T/25T	CE
FI-CSG-402	COVID-19 S-RBD IgG Antibody	WB/S/P	/	Semi-quantitative	10T/25T	CE
FI-CIC-525	COVID-19 Ag/Influenza A+B Combo	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-HP-602	H. pylori Antigen	Feces	< 2.5ng/mL	2-1500 ng/mL	10T/25T	CE
FI-HCV-402	HCV Ab	WB/S/P	/	Qualitative	10T/25T	Non-CE
FI-HBSB-402	HBsAb Ab	WB/S/P	< 10mIU/mL	5-1000 mIU/mL	10T/25T	Non-CE
FI-HIG-402	HIV P24 Ag	WB/S/P	/	Qualitative	10T/25T	Non-CE
FI-SYP-402	Syphilis Ab	WB/S/P	/	Qualitative	10T/25T	CE
* FI-HIV-402	HIV 1.2 Ab	WB/S/P	/	Qualitative	10T/25T	Non-CE
* FI-LEG-102	Legionella pneumophila Ag	Urine	/	Qualitative	10T/25T	Non-CE
* FI-MAL-435	Malaria P.f./P.v. /Pan Ag/Ab	WB	/	Qualitative	10T/25T	Non-CE
* FI-TET-402	Tetanus Ab	WB/S/P	0.1IU/mL	0.05-10IU/mL	10T/25T	Non-CE
* FI-ROT-602	Rotavirus Ag	Feces	/	Qualitative	10T/25T	Non-CE
Others						
FI-HGE-402	IgE	WB/S/P	100 IU/mL	20-1600 IU/mL	10T/25T	CE
FI-VD-302	Vitamin D	S/P	> 30 ng/mL	5-100 ng/mL	10T/25T	CE
* FI-CAL-602	Calprotectin	Feces	20mg/kg	1-1000 mg/kg	10T/25T	/

Products in Development

Cat. No.	Product	Specimen	Cut-off	Measuring Range
Inflammation Marker				
FI-HBSG-402	HBsAg	WB/S/P	/	0.5 - 200 IU/mL

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



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