



FLUORESCENT IMMUNOASSAY ANALYZER

A cutting-edge Dry-type Novatrend - Fluorescent Immunoassay Analyzer, designed to revolutionize diagnostic testing with its advanced features and seamless functionality. This Novatrend - Fluorescent Immunoassay Analyzer ensures high-quality results within a remarkably fast timeframe of 3-15 minutes, making it ideal for emergency situations.

APPLICATIONS

- **Emergency Testing** – Delivers rapid diagnostic results within 3–15 minutes, ideal for critical care and emergency departments.
- **Hospitals and Clinics** – Applied in routine diagnostics across internal medicine, infectious disease, endocrinology, and immunology laboratories.
- **Point-of-Care Testing (POCT)** – Suitable for bedside use, outpatient departments, and decentralized setups requiring fast turnaround times.
- **Specialized Testing** – Supports assays for fertility (B-hCG, LH), infection markers (CRP, PCT, Influenza A+B), and autoimmune conditions (Rheumatoid Factor IgM).
- **Drug Screening** – Detects multiple substances in urine, including AMP, THC, OPI, MET, COC, and BZO.
- **Gastrointestinal & Infectious Diseases** – Enables identification of pathogens such as *H. pylori* antigen and Rotavirus.
- **Public Health & Screening Programs** – Adaptable for large-scale rapid testing in community health centers, mobile laboratories, and epidemic prevention initiatives.

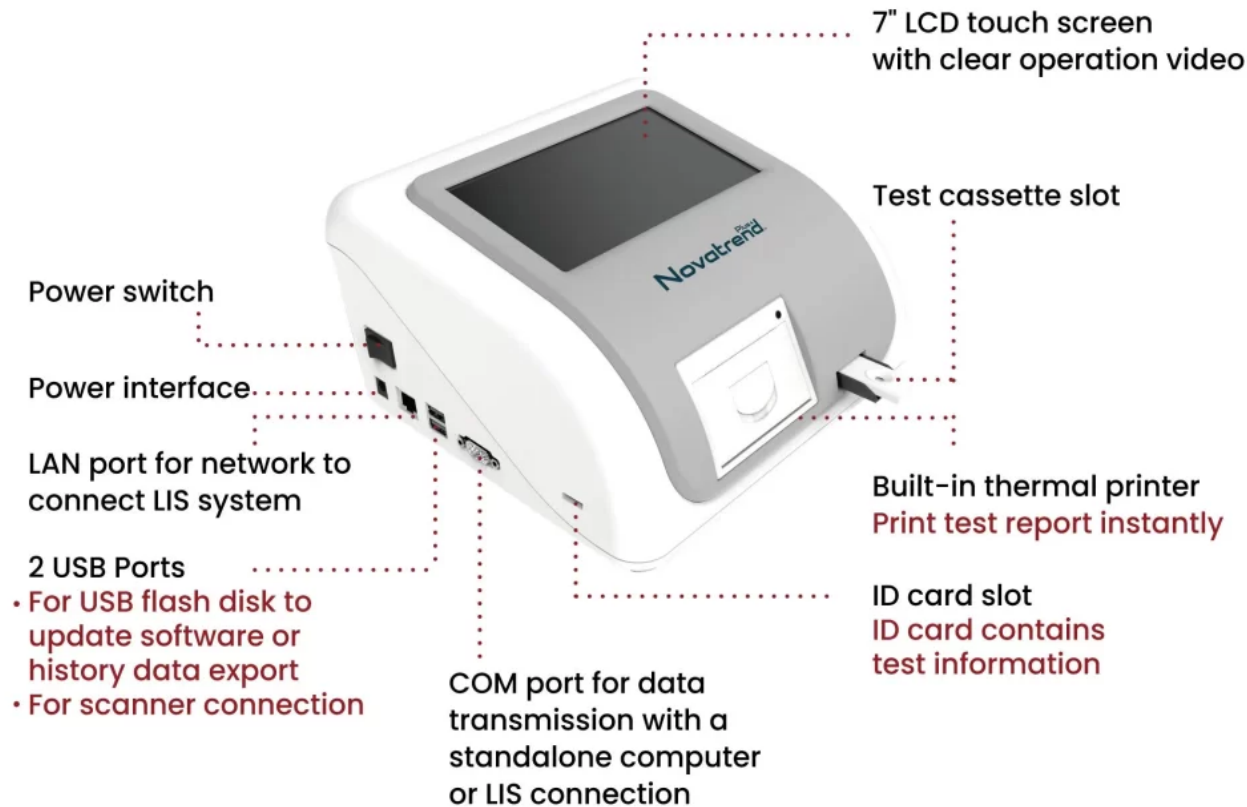
FEATURES

1. Powered by Europium-based Technology for High Quality
2. Fast Result (3-15 minutes)
3. Simple Operation (Less Training Required)

4. Objective (Results Read by Analyzer)
5. Stringent Quality Control Insure High Accuracy
6. Easy Storage Condition (4-30â„ƒ) with 2 Years Shelf Life

- **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**

THEORY & METHOD



Classification: Class II

1. B-hCG Test Cassette (WB/S/P) Licence No.: 107943, 108297
2. LH Test Cassette (WB/S/P) Licence No.: 108222
3. CRP Test Cassette (WB/S/P) Licence No.: 108592
4. Influenza A+B Test Cassette
5. (SWAB/Nasal Aspirate) Licence No.: 108722
6. PCT Test Cassette (WB/S/P) Licence No.: 108580

7. AMP1000 Test Cassette (Urine) Licence No.: 111141
8. THC50 Test Cassette (Urine) Licence No.: 111141
9. OPI2000 Test Cassette (Urine) Licence No.: 111141
10. MET1000 Test Cassette (Urine) Licence No.: 111141
11. COC300 Test Cassette (Urine) Licence No.: 111141
12. BZO300 Test Cassette (Urine) Licence No.: 111141
13. Rheumatoid Factor IgM Test Cassette (WB/S/P) Licence No.: 111155
14. H.pylori Antigen Test Cassette (Feces) Licence No.: 111268
15. Tetanus IgG Test Cassette (WB/S/P) Licence No.: 111259
16. IgA Test Cassette ((WB/S/P) Licence No.: 111258
17. FT3 Test Cassette (S/P) Licence No.: 111255
18. Rotavirus Test Cassette (Feces) Licence No.: 111279

Test Menu

Cat. No.	Product	Specimen	Cut-off	Measuring Range	Pack	CE status
Inflammation Marker						
FI-CRP-402	CRP	Fingerstick WB, WB/S/P	hsCRP: < 1 mg/L, CRP: < 10 mg/L	0.5-200 mg/L	10T/25T	CE
FI-PCT-402	PCT	Fingerstick WB, WB/S/P	< 0.5 ng/mL	0.1-50 ng/mL	10T/25T	CE
FI-IL6-402	IL-6	WB/S/P	< 10 ng/mL	3.0-5000 ng/mL	10T/25T	CE
FI-SAA-402	SAA	Fingerstick WB, 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-PSA-402	PSA	Fingerstick WB, WB/S/P	< 4 ng/mL	0.1-100 ng/mL	10T/25T	Non-CE
FI-FPSA-302	Free PSA	S/P	< 0.150 ng/mL	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
FI-CA211-402	CYFRA21-1	Fingerstick WB, WB/S/P	<3.3 ng/mL	1-300ng/mL	10T/25T	CE
Cardiac Marker						
FI-CTT-402	cTnI	Fingerstick WB, WB/S/P	< 0.5 ng/mL	0.1-40 ng/mL	10T/25T	CE
FI-CTNT-402	cTnT	Fingerstick WB, WB/S/P	< 0.5 ng/mL	0.2-40 ng/mL	10T/25T	CE
FI-NBNP-402	NT-proBNP	Fingerstick WB, WB/S/P	< 0.45 ng/mL	0.3-22 ng/mL	10T/25T	CE
FI-CKMB-402	CKMB	Fingerstick WB, WB/S/P	< 5 ng/mL	0.2-75 ng/mL	10T/25T	CE
FI-HFA-402	H-FABP	Fingerstick WB, WB/S/P	< 8 ng/mL	1-125 ng/mL	10T/25T	CE
FI-MYO-402	Myoglobin	Fingerstick WB, WB/S/P	< 90 ng/mL	5-200 ng/mL	10T/25T	CE
FI-AMT-435	Troponin I/Myoglobin JCK-MB (3 in 1)	Fingerstick WB, 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, 0.3-75 ng/mL	10T/25T	CE
FI-AMIT-435	Troponin T / Myoglobin / CK-MB Combo	Fingerstick WB, 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, 0.3-75 ng/mL	10T/25T	CE
FI-CPC-435	Troponin I/D-Dimer/ NT-proBNP (3 in 1)	Fingerstick WB, WB/S/P	cTnI < 0.5 ng/mL, D-Dimer < 0.5mg/L, NT-proBNP < 0.45 ng/mL	0.1-40 ng/mL, 0.1-10mg/L, 0.3-22 ng/mL	10T/25T	CE
Coagulation						
FI-DCM-402	D-Dimer	Fingerstick WB, WB/P	0.5 mg/L	0.1-10 mg/L	10T/25T	CE
Endocrinology						
FI-BHCG-402	β-HCG	Fingerstick WB, WB/S/P	< 5 mIU/mL	2-200,000 mIU/mL	10T/25T	CE
FI-BHCG-302	β-HCG	Fingerstick WB, WB/S/P/Urine	< 5 mIU/mL	5-100,000 mIU/mL	10T/25T	CE
FI-FSH-402	FSH	Fingerstick WB, WB/S/P	/	1-100 mIU/mL	10T/25T	CE
FI-LH-402	LH	Fingerstick WB, WB/S/P	/	1-300 mIU/mL	10T/25T	CE
FI-AMH-402	AMH	WB/S/P	/	0.05-25 ng/mL	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-P4-302	Progesterone (P4)	S/P	/	1.4-60 ng/mL	10T/25T	CE
FI-E2-402	Estradiol (E2)	Fingerstick WB, WB/S/P	Male: 11-44 Female(cyclic period): 31-91 Female(Ovulation): 50-533 Female(Luteal period): 50-233 Female(Menopause): >153	10-3000 pg/mL	10T/25T	CE
FI-PRL-402	Prolactin (PRL)	Fingerstick WB, WB/S/P	Female (Non pregnant): 2 - 25 ng/mL, Female (Pregnant): 10 - 208 ng/mL, Male 2 - 18 ng/mL	1.0 - 200 ng/mL	10T/25T	CE
FI-T3-402	T3	Fingerstick WB, WB/S/P	1.23-3.08mol/L	0.62-9.24 mmol/L	10T/25T	CE
FI-FT3-402	FT3	Fingerstick WB, WB/S/P	2.8-5.7 pmol/L	1.5-4.9 pmol/L	10T/25T	CE
FI-T4-402	T4	Fingerstick WB, WB/S/P	65-155nmol/L	13.87-300 nmol/L	10T/25T	CE
FI-FT4-402	FT4	Fingerstick WB, WB/S/P	9-19 pmol/L	1-100 pmol/L	10T/25T	CE
FI-TSH-402	TSH	Fingerstick WB, WB/S/P	0.27-4.2 µIU/mL	0.1-200 µIU/mL	10T/25T	CE
FI-FER-402	Ferritin	Fingerstick WB, WB/S/P	Male 30-400 ng/mL, Female 13-150 ng/mL	1-2000 ng/mL	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	mAb	Urine	< 20 mg/L	5-300 mg/L	10T/25T	CE
FI-CYC3C-402	CysC	Fingerstick WB, WB/S/P	< 1.1 mg/L	0.1-9.0 mg/L	10T/25T	CE
FI-BMG-402	β2MG	Fingerstick WB, WB/S/P	< 2.2 mg/L	0.2-30 mg/L	10T/25T	CE
FI-NCAL-102	N-GAL	Urine	< 10 ng/mL	10-1500 ng/mL	10T/25T	CE
Diabetes						
FI-HBA-402	HbA1c	Fingerstick WB, WB/S/P	4.6%	4-14.5%	10T/25T	CE

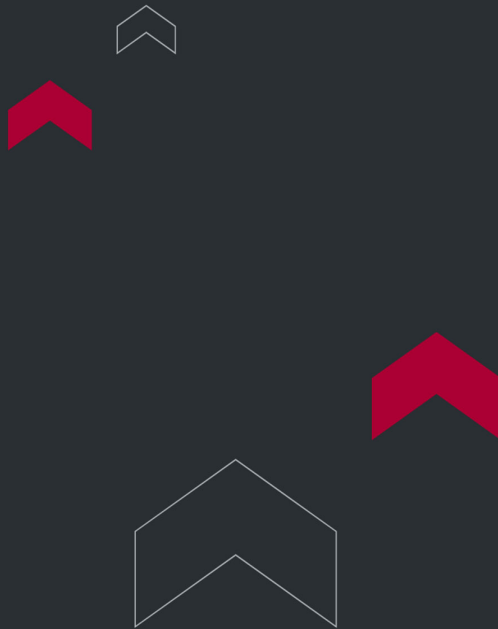
Cat. No.	Product	Specimen	Cut-off	Measuring Range	Pack	CE status
Gastrointestinal Diseases						
FI-HP-602	<i>Helicobacter</i> Antigen	Feces	< 2.5 ng/mL	2-1500 ng/mL	10T/25T	CE
FI-CAL-602	Calprotectin	Feces	20 µg/g	1-1000 µg/g	10T/25T	CE
FI-AD-602	Adenovirus	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-ROT-602	Rotavirus	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-RAC-602	Rotavirus	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-NOV-602	Norovirus GII/IV	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-CDG-602	Clostridium difficile GDH	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-CDT-625	<i>C. difficile</i> Toxin A+Toxin B	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-CD-602	<i>C. difficile</i> GDH+Toxin A+Toxin B	Feces	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
Respiratory Diseases						
FI-STA-502	Strep A	Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T	CE
FI-MP-602	Mycoplasma pneumoniae Antigen	Throat Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T	CE
FI-SP-102	<i>Streptococcus pneumoniae</i>	Urine	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-LEG-102	<i>Legionella pneumophila</i> Antigen	Urine	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-FLU-402	FLU A+B	Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T	CE
FI-RSV-502	RSV	Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T	CE
FI-HMPV-502	Human Metapneumovirus (HMPV)	Nasopharyngeal Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T	CE
FI-HPV-502	Human Papillomavirus Virus (HPV)	Nasopharyngeal Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T	CE
FI-NCP-502	COVID-19 Antigen	Swab	< 1 COI	Qualitative (1-1000 COI)	20T	CE
FI-NCP-402	COVID-19 IgG/IgM	Fingerstick WB, WB/S/P	< 1 COI	Qualitative (0-20 COI)	10T/25T	CE
FI-CSG-402	COVID-19 S-RBD IgG Antibody	Fingerstick WB, WB/S/P	< 1 COI	Semi-quantitative (0.5-100 COI)	10T/25T	CE
FI-CSG-402B	COVID-19 S-RBD IgG Quantitative	Fingerstick WB, WB/S/P	< 1 COI	Quantitative (0.5-100 COI)	10T/25T	CE
FI-AD-502	Adenovirus pneumoniae	Nasopharyngeal Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T	CE
FI-AR-502	AdenoRSV	Nasopharyngeal Swab	< 1 COI	Qualitative (0-100 COI)	10T/20T	CE
Vector Borne Diseases						
FI-DEN-402	Dengue IgG/IgM	Fingerstick WB, WB/S/P	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-DES-402	Dengue NS1	Fingerstick WB, WB/S/P	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
FI-MAL-435	Malaria P.F/P.v/Pan Antigen	Fingerstick WB, WB	< 1 COI	Qualitative (0-20 COI)	10T/25T	CE
FI-TYP-402	Typhoid Antibody	Fingerstick WB, WB/S/P	< 1 COI	Qualitative (1-20 COI)	10T/25T	CE
Hepatitis						
FI-HBSB-402	HbAb	WB/S/P	< 10mIU/mL	5-1000 mIU/mL	10T/25T	Non-CE
FI-HBSG-402	HbAg	WB/S/P	< 0.5 IU/mL	0.5-200 IU/mL	10T/25T	Non-CE
FI-HCV-402	HCV Antibody	Fingerstick WB, WB/S/P	< 1 COI	Qualitative (0-100 COI)	10T/25T	Non-CE
FI-HV-402	HIV 1/2 Antibody	Fingerstick WB, WB/S/P	< 1 COI	Qualitative (1-20 COI)	10T/25T	Non-CE
FI-HIG-402	HIV p24 Antigen	Fingerstick WB, WB/S/P	< 1 COI	Qualitative (0-100 COI)	10T/25T	Non-CE
FI-SYP-402	Syphilis Antibody	Fingerstick WB, WB/S/P	< 1 COI	Qualitative (0-100 COI)	10T/25T	CE
Other Infectious Diseases						
FI-TET-402	Tetanus Antibody	Fingerstick WB, WB/S/P	< 0.1 IU/mL	0.05-10 IU/mL	10T/25T	CE
FI-ASO-402	Anti-diphtheria O (ASO)	Fingerstick WB, WB/S/P	Adults < 200 IU/mL, Children <250 IU/mL	25-800 IU/mL	10T/25T	CE
FI-MXG-402	Monkeypox Virus Antigen	Fingerstick WB, WB/S/P, Rash Easidie Swab, Throat Swab	< 1 COI	Qualitative (0-100 COI)	20T	CE
Autoimmunity						
FI-IGE-402	IgE	Fingerstick WB, WB/S/P	< 100 IU/mL	20-1600 IU/mL	10T/25T	CE
FI-IGA-402	IgA	Fingerstick WB, WB/S/P	0.7-4.3 g/L	0.1-7.0g/L	10T/25T	CE
FI-RFIP-402	Rheumatoid Factor(RF) IgM	Fingerstick WB, WB/S/P	< 20IU/mL	8-200 IU/mL	10T/25T	CE
Others						
FI-VID-402	Vitamin D	Fingerstick WB, WB/S/P	>30 ng/mL	5-100 ng/mL	10T/25T	CE
Drugs of Abuse						
FI-AMP-102	AMP	Urine	< 1,000/500 ng/mL	300-3000 ng/mL	10T/25T	CE
FI-BAR-102	BAR	Urine	< 300 ng/mL	50-1200 ng/mL	10T/25T	CE
FI-BZO-102	BZO	Urine	< 300 ng/mL	150-1500 ng/mL	10T/25T	CE
FI-COO-102	COO	Urine	< 300 ng/mL	50-3000 ng/mL	10T/25T	CE
FI-MET-102	MET	Urine	< 1000 ng/mL	100-5000 ng/mL	10T/25T	CE
FI-MTD-102	MTD	Urine	< 300 ng/mL	150-1500 ng/mL	10T/25T	CE
FI-OP-102	OP	Urine	< 2000 ng/mL	300-6000 ng/mL	10T/25T	CE
FI-THC-102	THC	Urine	< 50 ng/mL	25-150 ng/mL	10T/25T	CE
FI-APP-102	oPVP	Urine	< 300 ng/mL	150-3000 ng/mL	10T/25T	CE
FI-MDMA-102	MDMA	Urine	< 500 ng/mL	250-1500 ng/mL	10T/25T	CE
FI-MOP-102	MOP	Urine	< 300 ng/mL	150-6000ng/mL	10T/25T	CE
FI-PCP-102	PCP	Urine	< 25 ng/mL	10-150ng/mL	10T/25T	CE

* NEW Product
Products marked in red : Fingerstick Whole Blood Specimen Available

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)



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