



**Innovative
Immunochemistry
System**



IMMUNO ANALYZER

MONOTEST CARTRIDGE SYSTEM.



EXCELLENCE IN DIAGNOSTICS



FULLY AUTOMATED MONOTEST IMMUNOANALYZER



UNI[®]
Combine various type of tests
to maximize the efficiency
and at the same time
minimize analytical error.

The UNI[®] Monotest Immunoanalyzer is the answer for laboratories of all sizes who demand a flexible solution in total automation of more than 250 different assays.

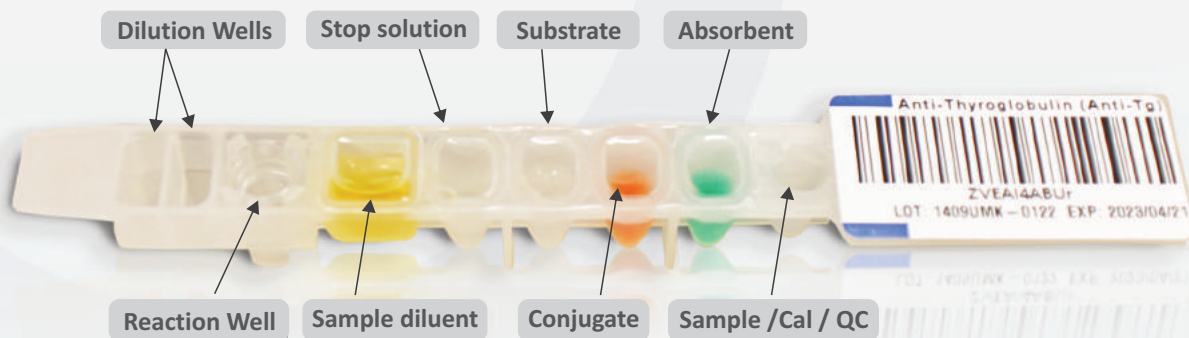
The UNI[®] is a fully-automated Monotest Immunoanalyzer which uses a unique monotest reagent cartridge concept, embraced state-of-the-art technology and offers outstanding flexibility.

This easy-to-use, beautifully designed benchtop analyzer provides a perfect fit in your laboratory, and is designed to carry out in vitro diagnostic tests such as Viral, bacteria and parasite infections; Cancer and cardio markers; Fertility, steroids, anemia, thyroid kits, etc., just in a few steps.

- All reagents needed to perform tests are incorporated in a single ready-to-use barcoded cartridge.
- Up to 30 different assays can be performed simultaneously in one cycle.

With NeoMedica's 23 years manufacturing experience and our unique expertise, we created the UNI[®] Monotest Immunoanalyzer, developed more than 250 different assays and created an automated system with superior flexibility, reliability and ease of use.

Its versatility comes from the fact that it is a perfect instrument for the most demanding laboratories, as well as for those ones that are making first steps towards automation.



**BRINGING INNOVATION
TO IMMUNODIAGNOSTICS**



UNI[®]
An Innovative diagnostic tool of the highest medical value conceived as a business strategic asset

UNI[®] Technical Features & Benefits

- Test method is EIA as gold standard, well proved.
- 30 positions in temperature peltier controlled (25-37°C) rotor ensure perfect conditions for your 30 different assays in one run.
- Perfect mixing is ensured by 2 vibration motors, IVD Innovative
- Conjugate has own dedicated probe to minimize risk of cross contamination, together with dedicated piercing device for easy and risk free handling reagents.
- UNI reduces carry over with 2 independent set of probes and piercing devices coated with latest technology nanoceramic.
- Reagent level has continually monitored by intelligent software, measured by precise weight sensor, which is more reliable than liquid level sensor monitoring
- Optical system is advanced LED fiber optic - maintenance free. No need for lamp change and difficult adjustments by specialized service engineers.
- PC with touch screen for easy and fast access
- Capacitive level sensor probes for accurate reagent handling
- Ceramic pump with high precision step motor (1 step = 0.01187 µL) is maintenance free.

UNI[®] PRODUCTIVITY

- Less human effort
- No need for highly educated lab staff
- Wide range of tests
- New tests constantly developed
- Flexible job list
- Rare and routine kits available on one platform

UNI[®] Reagents Features & Benefits

- Ready to use barcoded reagent cartridge include all reagents necessary for a single test
- More than 250 assay parameters
- Calibrators and control are included in the kit
- Small kit packing size reducing expiration risk
- P2P+ 4PL calculation for quantitative results
- No need for making of the calibration curve

UNI[®] EFFICIENCY

- Save time and avoid clerical mistakes in pre-analytic phase: **NO REAGENT PREPARATION!**
- **SIMPLIFY OPERATION.** Just add sample and click RUN.
- Barcoded labels prevent handling mistakes.
- No reagents collection and storage in post-analytic phase
- New methods come to **UNI[®]** automatically thru internet, or with just one click on QR code.
- Fresh reagents till expiry date
- Pre-calibrated tests
- No consumables
- **No reagent waste**
- **No dead volumes**

An Innovation doesn't need breakthrough technology ...

...recombining existing simple technologies in a smart way



EXCELLENCE IN DIAGNOSTICS

FULLY AUTOMATED MONOTEST IMMUNOANALYZER

UNI[®]

TECHNICAL CHARACTERISTICS

INDEX	PERFORMANCE
Sample positions	30
Sample volume	Minimum 20µL (check instruction for use of each)
Reaction temperature	25±0.5°C or 37°C±0.5°C
Assay Method	EIA
Assay Speed	(60~120) min /30tests
Calibration	Calibrator included in all reagent kits
Quality Control	Internal QC material included in all reagent kits
Test Combination	Different tests with the same reaction temperature
Photometer Light Source	LED
Filters	450nm/630nm
OD Resolution	0.001ABS
Range of OD	0.000~3.000ABS
Accuracy of Filters	≤±3nm
Half width of Filters	≤12nm
Linearity of OD	0.000~3.0000A, r≥0.98
Repeatability of OD	CV≤5%
Accuracy & Fluctuation of Temperature	When operating at 25°C, offset ≤±0,5°C, Fluctuation ≤±0.4°C
Carry-over	≤1%
Accuracy and Precision of Priming	Offset ≤±5%, CV≤2%
Noise	<80dB
Dimension / Weight	680mmx600mmx500mm / 48kg
Voltage	AC 100-240V
Frequency	50/60Hz
Maximum power	350VA



- Clot detection has the advantage of using a special sample position on the cartridge, not the primary tube.
- UNI has a solution for Anticrash probe as using a state of the art material in the manufacturing process.
- LIS and HIS protocols available.
- Internal memory with more than 100.000 test results, QC, Calibration (depend on HDD capacity).
- Intelligent self diagnostic

UNI[®] INNOVATIVE
DIAGNOSTIC TOOL



UNI[®] Reagent Cartridge

The UNI[®] Reagent Cartridge only can be used with the automated analyzer UNI[®] by NeoMedica.

Each cartridge is designed for a single determination of one patient sample. The UNI[®] Reagent Cartridge holds a complete set of reagent enough for one patient sample.

**NEW
PRODUCTS**

PRODUCTS	CODE	
GAD	U2804	Autoimmunity Diabetes
IA-2	U2803	Autoimmunity Diabetes
ZnT8	U2802	Autoimmunity Diabetes
Adiponectin	U908	Inflammatory Panel / Diabetes
Leptin	U904M	Endocrine Panel
Renin	U907M	Endocrine Panel
Hepcidin-25	U911	Endocrine Panel
Free Testosterone	U1109M	Steroids Panel
Anti-Sperm antibody	U1309	Fertility Panel
TRAb	U1411	Thyroid Panel
CA 242	U1509	Cancer Markers
CYFRA 21-1	U1510	Cancer Markers
HE 4	U1511	Cancer Markers
NSE	U1512	Cancer Markers
CA 72-4	U1513	Cancer Markers
SCC	U1514	Cancer Markers
Chromogranin A	U1515	Cancer Markers
Inhibin A	U1516	Cancer Markers
Inhibin B	U1517	Cancer Markers
Erythropoietin EPO	U1702M	Anemia Panel
Coxsackievirus B IgM	U145D	Viral Infection
Coxsackievirus B IgG	U146D	Viral Infection
Listeria monocytogenes IgG	U245	Bacterial Infection
Calprotectin	U1811	Stool Diagnostics
H.pylori 2nd Gen	U1807V	Stool Diagnostics
Hemoglobin / Haptoglobin Complex	U1812	Stool Diagnostics

- Ready to use barcoded cartridges include all reagents, and control, needed for a single test
- More than 250 test parameters
- Calibrators and control are included in the kit
- Small kit packing size to reduce expiration risk
- P2P+4PL calculation for quantitative results

AUTOIMMUNE DISEASE

PRODUCTS	CODE	PRODUCTS	CODE
Autoimmunity Rheumatology		Autoimmunity Gastroenterology	
Anti-dsDNA IgG	U709A	Anti-Tissue-Transglutaminase IgA	U241A
Anti-dsDNA IgM	U710A	Anti-Tissue-Transglutaminase IgG	U242A
ENA Screen	U703A	Anti-Gliadin-Check	U243A
ANA Screen	U707A	Anti-Gliadin IgA	U244A
RF Screen	U706A	Anti-Gliadin IgG	U245A
CCP IgG	U702A	Autoimmunity Thrombosis	
Anti-SS-A	U704A	Anti-Phospholipid Screen	U2511A
Anti-SS-B	U705A	Anti-Phospholipid Screen IgG	U251A
Sm	U711A	Anti-Phospholipid Screen IgM	U252A
Scl-70	U712A	Anti-Cardiolipin Check	U253A
U1RNP	U713A	Anti-Cardiolipin IgA	U254A
Jo-1	U714A	Anti-Cardiolipin IgG	U255A
Centromere	U715A	Anti-Cardiolipin IgM	U256A
Rib-P	U716A	Anti-beta-2-Glycoprotein I - Check	U257A
Anti Histone	U717A	Anti-beta-2-Glycoprotein I IgA	U258A
ANA-HEp2	U718A	Anti-beta-2-Glycoprotein I IgM	U259A
Autoimmunity Diabetes		Anti-beta-2-Glycoprotein I IgG	U2510A
Anti Insulin	U281A	Autoimmunity Vasculitis	
GAD	U2804	ANCA-Pro	U261A
IA-2	U2803	Anti-PR3 hs	U262A
ZnT8	U2802	Anti-MPO	U263A
Adiponectin <small>Inflammatory/ Diabetes</small>	U908	Anti-GBM	U264A

FERTILITY PANEL

PRODUCTS	CODE	PRODUCTS	CODE
AMH	U130M	PRL	U1308M
FSH	U1302M	Anti-Sperm Antibody	U1309
Free β -hCG	U1505M	Inhibin A	U1516
LH	U1306M	Inhibin B	U1517
PAPP-A	U1307M		

ENDOCRINE PANEL

PRODUCTS	CODE	PRODUCTS	CODE
ACTH Adrenocorticotrophic hormone	U901M	Renin	U907M
Aldosterone	U902M	Hepcidin-25	U911
Cortisol	U903M	Metanephrine **	U905M
Leptin	U904M	Normetanephrine **	U906M

Legend: * RUO, ** R&D

UNI[®] Reagent Cartridge Features & Benefits

- Always fresh reagents
- Pre-calibrated tests
- No consumables
- No reagent waste
- No dead volumes
- No need for making calibration curve

STEROIDS PANEL

PRODUCTS	CODE	PRODUCTS	CODE
Androstendion ANST	U1101M	Testosterone	U1108M
Estradiol	U1102M	Free Testosterone	U1109M
uE3	U1103M	DHEA-S	U1110M
Progesterone	U1104M	DHEA (5-Dehydroepiandrosterone)	U1111M
17-OHP	U1105M	Estrone (E1)	U1112M
SHBG (Sex hormone-binding globulin)	U1107M		

THYROID PANEL

PRODUCTS	CODE	PRODUCTS	CODE
T3	U1406M	Tg (Thyroglobulin)	U1405M
Free T3	U1401M	TBG (Thyroxine binding globulin)	U1404M
T3 Uptake **	U1407M	Anti-Thyroglobulin (Anti-Tg)	U1409M
T4	U1408M	Anti-TPO	U1410M
Free T4	U1402M	TRAb	U1411
TSH (Thyroid-stimulating hormone)	U1403M		

CANCER MARKERS

PRODUCTS	CODE	PRODUCTS	CODE
CA 125	U1501M	CYFRA 21-1	U1510
CA 15-3	U1502M	HE 4	U1511
CA 19-9	U1503M	NSE	U1512
CEA	U1504M	CA 72-4	U1513
hCG	U1303M	SCC	U1514
AFP	U1506M	Chromogranin A	U1515
PSA *	U1507M	Inhibin A	U1516
fPSA *	U1508M	Inhibin B	U1517
CA 242	U1509		

ANEMIA PANEL

PRODUCTS	CODE	PRODUCTS	CODE
Vitamin B12	U1701M	Ferritin	U1704M
Erythropoietin EPO	U1702M	Folate	U1705M
Transferrin receptor - TfR	U1703M		





BONE METABOLISM

PRODUCTS	CODE	PRODUCTS	CODE
Calcitonin	U801M	25-OH Vitamin D	U803M
PTH	U802M		

DIABETES PANEL

PRODUCTS	CODE	PRODUCTS	CODE
Insulin	U1001M	ZnT8	U2802
Anti-Insulin	U281A	Adiponectin	U908
GAD	U2804	C-Peptide	U1003M
IA-2	U2803		

SYSTEMIC THROMBOSIS

PRODUCTS	CODE	PRODUCTS	CODE
D-dimer	U2901M		

INFLAMMATORY PANEL

PRODUCTS	CODE	PRODUCTS	CODE
Procalcitonin (PCT)	U1201M	IL-6 **	U1203
Neopterin	U1202	Adiponectin	U908

VIRAL INFECTIONS

PRODUCTS	CODE	PRODUCTS	CODE
Adenovirus IgG	U101V	VZV IgA	U130T
Adenovirus IgM	U102V	VZV IgG	U131T
Influenza A IgA	U103V	VZV IgM	U132T
Influenza A IgG	U104V	Measles IgM	U135T
Influenza A IgM	U105V	Measles IgG	U136T
Influenza B IgA	U106V	Mumps IgM	U137T
Influenza B IgG	U107V	Mumps IgG	U138T
Influenza B IgM	U108V	SARS-CoV-2 IgA	U142D
Parainfluenza IgG	U113V	SARS-CoV-2 IgM	U143D
Parainfluenza IgM	U114V	SARS-CoV-2 IgG	U144D
RSV IgG	U115V	SARS-CoV-2 S1/S2/RBD Neutralizing antibodies	U155D
RSV IgM	U116V	Coxsackievirus B IgM	U145D
FSME/TBE IgG	U118V	Coxsackievirus B IgG	U146D
FSME/TBE IgM	U119V	Dengue Virus IgM	U147D
Enterovirus IgA	U120V	Dengue Virus IgG	U148D
Enterovirus IgG	U121V	Dengue Virus NS1Ag	U149D
Enterovirus IgM	U122V		

Legend: * RUO, ** R&D

UNI®

Reagent Cartridge Features & Benefits

- No need to making of the calibration curve
- Fresh reagents til expiry date
- Small kit packing size to reduce expiration risk
- P2P+4PL calculationfor quantitative results

VIRAL INFECTIONS

PRODUCTS	CODE	PRODUCTS	CODE
EBV EBNA-1 IgG	U123T	EBV EA-D IgM	U129T
EBV EBNA-1 IgM	U124T	Zika Virus IgM	U150D
EBV VCA IgA	U125T	Zika Virus IgG	U151D
EBV VCA IgG	U126T	West Nile Virus Antibodies	U152D
EBV VCA IgM	U127T	Chikungunya Virus IgM	U153D
EBV EA-D IgG	U128T	Chikungunya Virus IgG	U154D

BACTERIAL INFECTIONS

PRODUCTS	CODE	PRODUCTS	CODE
Bordetella pertussis Toxin IgA	U102T	Chlamydia pneumoniae REC IgA*	U223T
Bordetella pertussis Toxin IgG	U202T	Chlamydia trachomatis REC IgG*	U224T
Bordetella pertussis Toxin IgM	U203T	Mycoplasma pneumoniae IgG	U226T
Borrelia afzelii VisE IgG	U204T	Mycoplasma pneumoniae IgM	U227T
Borrelia afzelii IgM	U205T	Mycoplasma REC IgA	U228T
Borrelia garinii IgM	U206T	Mycoplasma REC IgG	U229T
Borrelia garinii VisE IgG	U207T	Mycoplasma REC IgM	U230T
Borrelia recombinant IgG	U208T	Helicobacter pylori IgA	U231T
Borrelia recombinant IgM	U209T	Helicobacter pylori IgG	U232T
Brucella IgG	U212V	Helicobacter pylori IgM	U245
Brucella IgM	U213V	Treponema pallidum IgG	U234T
Chlamydia pneumoniae IgA*	U217T	Treponema pallidum IgM	U235T
Chlamydia pneumoniae IgG*	U218T	Yersinia enterocolitica IgA**	U237T
Chlamydia pneumoniae IgM*	U219T	Yersinia enterocolitica IgG	U238T
Chlamydia trachomatis IgA*	U220T	Yersinia enterocolitica IgM	U239T
Chlamydia trachomatis IgG*	U221T	Meningitis IgG**	U242D
Chlamydia trachomatis IgM*	U222T	Listeria monocytogenes IgG	U245

PARASITE INFECTION

PRODUCTS	CODE	PRODUCTS	CODE
Toxocara IgA	U301T	Echinococcus IgG**	U303T
Toxocara IgG	U302T		

Legend: * RUO, ** R&D





MYCOSES

PRODUCTS	CODE	PRODUCTS	CODE
Candida albicans IgG	U501V	Aspergillus fumigatus IgG	U505V
Candida albicans IgM	U502V	Aspergillus fumigatus IgM	U506V

TORCH

PRODUCTS	CODE	PRODUCTS	CODE
CMV IgA *	U401T	HSV 1+2 IgG	U416T
CMV IgG *	U402T	HSV 1+2 IgM	U417T
CMV IgM *	U403T	HSV 1 IgM	U418T
Rubella IgG *	U406T	HSV 1 IgG	U419T
Rubella IgM *	U407T	HSV 2 IgM	U420T
Toxoplasma IgA *	U408T	HSV 2 IgG	U421T
Toxoplasma IgG *	U410T		
Toxoplasma IgM *	U411T		

CARDIAC MARKERS

PRODUCTS	CODE	PRODUCTS	CODE
CK-MB	U1601M	Myoglobin	U1604M
cTni (Cardiac-specific Troponin I)	U1602M	hs CRP	U1605M
DIG (Digoxin)	U1603M		

ALLERGY

PRODUCTS	CODE
IgE	U2201M

GROWTH DEFICIENCY

PRODUCTS	CODE
Growth hormone (hGH)	U2101M

STOOL DIAGNOSTICS

PRODUCTS	CODE	PRODUCTS	CODE
Calprotectin	U1811	H.pylori 2nd Gen.	U1807V
Hemoglobin / Haptoglobin Complex	U1812	Entamoeba histolytica **	U1805V
Campylobacter	U1801V	Giardia **	U1806V
Clostridium difficile GDH	U1802V	Norovirus **	U1808V
Clostridium difficile Toxin A+B	U1803V	Rotavirus **	U1809V
Cryptosporidium parvum **	U1804V	Verotoxin 1+2 **	U1810V

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CONTROLS & ACCESSORIES

ACCESSORIES

PRODUCTS	CODE	KIT SIZE	PRODUCTS	CODE	KIT SIZE
WASH A	U1901UA	2x40 ml	SANITIZING SOLUTION	U1904US	2x10 ml
WASH B	U1902UB	2x40 ml	SYSTEM LIQUID	U1905UL	2x40 ml

CONTROLS

PRODUCTS	CODE	PRODUCTS	CODE
Multi Control	U2001M	Calcitonin Control Material	U2017M
Anti-H.Pylori Control	U2002M	C-Peptide Control Material	U2018M
Anti-Tg & Anti-TPO Control	U2003M	ACTH Adrenocorticotropic hormone Control	U2021M
Maternal Control	U2004M	Myoglobin CONTROL MATERIAL	U2022M
TBG Control	U2005M	Procalcitonin (PCT) Control material	U2023M
Tg Control	U2006M	CK-MB Control material	U2024M
Tumor Marker Control	U2007M	cTni (Cardiac-specific Troponin I) Control	U2025M
SARS-COV- 2 CONTROL MATERIAL	U2012DCG-1	Chromogranin A Control material	U2028
SARS-COV- 2 CONTROL MATERIAL	U2012DCG-2	Inhibin A Control material	U2029
SARS-COV- 2 CONTROL MATERIAL	U2012DCM-1	Inhibin B Control material	U2030
SARS-COV- 2 CONTROL MATERIAL	U2012DCM-2	Adiponectin Control material	U2031
SARS-COV- 2 CONTROL MATERIAL	U2012DCA-1	Leptin Control material	U2032
SARS-COV- 2 CONTROL MATERIAL	U2012DCA-2	Renin Control material	U2033
AMH Control Material	U2013M	Hepcidin-25 Control material	U2034
Aldosterone Control Material	U2014M	Hemoglobin / Haptoglobin Complex Control material	U2035
PTH Control Material	U2015M	Erythropoietin EPO Control material	U2036
Insulin Control Material	U2016M		

INTERNAL CONTROLS AVAILABLE ON DEMAND.

ADDITIONAL REAGENTS

PRODUCTS	CODE	PRODUCTS	CODE
RF-Absorbent	U2301VRF-1	RF-Absorbent	U2301NRF-3

Legend: * RUO, ** R&D



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