

FULLY AUTOMATED MONOTEST IMMUNOANALYZER

PRODUCT CATALOGUE



CHOOSE QUALITY



MONOTEST CARTRIDGE SYSTEM.



www.neomedica.rs



EXCELLENCE IN DIAGNOSTICS

FULLY AUTOMATED MONOTEST IMMUNOANALYZER



NAISSA[®]

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

The **NAISSA[®]** Monotest Immunoanalyzer is the answer for laboratories of all sizes who demand a flexible solution in total automation of more than 200 different assays.

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

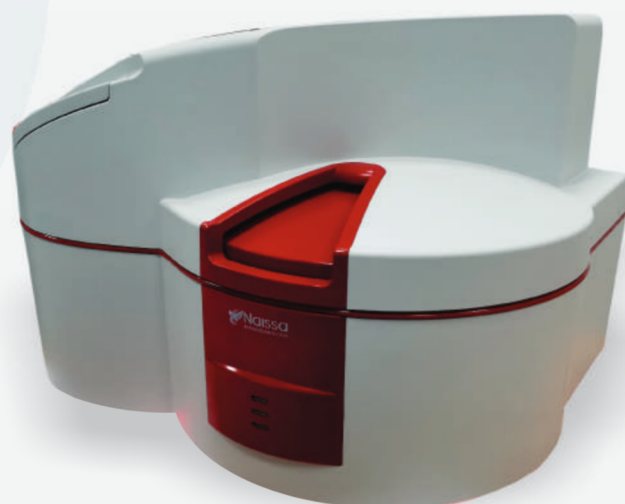
This easy-to-use, beautifully designed benchtop analyzer provides a perfect fit in your laboratory, and is designed to carry out in vitro diagnostic tests such as Viral, bacteria and parasite infections; Cancer and cardio markers; Fertility, steroids, anemia, thyroid kits, etc., just in a few steps.

- 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 20 years manufacturing experience and our unique expertise, we created the **NAISSA[®]** Monotest Immunoanalyzer, developed more than 200 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**





NAISSA[®]

Technical Features & Benefits

NAISSA[®]

An Innovative diagnostic tool of the highest medical value conceived as a business strategic asset

- 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.
- NAISSA[®] 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.

NAISSA[®]

PRODUCTIVITY

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

NAISSA[®]

Reagents Features & Benefits

- Ready to use barcoded reagent cartridge include all reagents necessary for a single test
- More than 200 assay parameters
- Calibrators and control are included in the kit
- Small kit packing size reducing expiration risk
- 4PL calculation for quantitative results
- No need for making of the calibration curve
- Fresh reagents till expiry date

NAISSA[®]

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 NAISSA[®] automatically thru internet, or with just one click on QR code.

- 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**



NAISSA®

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



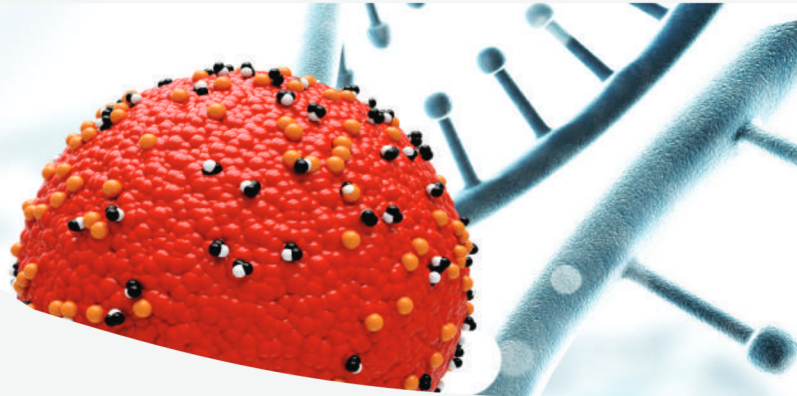
- Clot detection has the advantage of using a special sample position on the cartridge, not the primary tube.
- Naissa has a solution for Anticrash probe as using a state of the art material in the manufacturing process.
- LIS and HIS protocols available.
- Internal memory with more than 100.000 test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

NAISSA® INNOVATIVE
DIAGNOSTIC TOOL

NAISSA[®] Reagent Cartridge

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

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



VIRAL INFECTION			
Cat. No.	Products	Kit size	Status
N101V24IGG	Adenovirus IgG	24 tests	CE
N102V24IGM	Adenovirus IgM	24 tests	CE
N103V24IGA	Influenza A IgA	24 tests	CE
N104V24IGG	Influenza A IgG	24 tests	CE
N105V24IGM	Influenza A IgM	24 tests	CE
N106V24IGA	Influenza B IgA	24 tests	CE
N107V24IGG	Influenza B IgG	24 tests	CE
N108V24IGM	Influenza B IgM	24 tests	CE
N135T24IGM	Measles IgM	24 tests	CE
N136T24IGG	Measles IgG	24 tests	CE
N137T24IGM	Mumps IgM	24 tests	CE
N138T24IGG	Mumps IgG	24 tests	CE
N113V24IGG	Parainfluenza IgG	24 tests	CE
N114V24IGM	Parainfluenza IgM	24 tests	CE
N115V24IGG	RSV IgG	24 tests	CE
N116V24IGM	RSV IgM	24 tests	CE
N117T24IG	TBEV Ig	24 tests	CE
N118V24IGG	FSME/TBE IgG	24 tests	CE
N119V24IGM	FSME/TBE IgM	24 tests	CE
N120V24IGA	Enterovirus IgA	24 tests	CE
N121V24IGG	Enterovirus IgG	24 tests	CE
N122V24IGM	Enterovirus IgM	24 tests	CE
N123T24IGG	EBV EBNA-1 IgG	24 tests	CE
N124T24IGM	EBV EBNA-1 IgM	24 tests	CE
N125T24IGA	EBV VCA IgA	24 tests	CE
N126T24IGG	EBV VCA IgG	24 tests	CE
N127T24IGM	EBV VCA IgM	24 tests	CE
N128T24IGG	EBV EA-D IgG	24 tests	CE
N129T24IGM	EBV EA-D IgM	24 tests	CE
N130T24IGA	VZV IgA	24 tests	CE
N131T24IGG	VZV IgG	24 tests	CE
N132T24IGM	VZV IgM	24 tests	CE

VIRAL INFECTION			
Cat. No.	Products	Kit size	Status
N142D24IGA	SARS-COV-2 IgA	24 tests	CE
N143D24IGM	SARS-COV-2 IgM	24 tests	CE
N144D24IGG	SARS-COV-2 IgG	24 tests	CE
N155D24SNA	SARS-COV-2 S1/S2/RBD	24 tests	CE
N139T24IGG	TBE Virus IgG	24 tests	CE
N140T24IGM	TBE Virus IgM	24 tests	CE
N145D24CXM	Coxsackievirus B IgM	24 tests	CE
N146D24CXG	Coxsackievirus B IgG	24 tests	CE
N147D24DNM	Dengue Virus IgM	24 tests	R&D
N148D24DNG	Dengue Virus IgG	24 tests	R&D
N149D24DAG	Dengue Virus NS1 Ag	24 tests	R&D
N150D24ZVM	Zika Virus IgM	24 tests	R&D
N151D24ZVG	Zika Virus IgG	24 tests	R&D
N152D24WNA	West Nile Virus Antibodies	24 tests	R&D
N153D24CHM	Chikungunya Virus IgM	24 tests	R&D
N154D24CHG	Chikungunya Virus IgG	24 tests	R&D
BACTERIA INFECTION			
N201T24IGA	Bordetella pertussis Toxin IgA	24 tests	R&D
N202T24IGG	Bordetella pertussis Toxin IgG	24 tests	R&D
N203T24IGM	Bordetella pertussis Toxin IgM	24 tests	CE
N204T24IGG	Borrelia afzelii VisE IgG	24 tests	CE
N205T24IGM	Borrelia afzelii IgM	24 tests	CE
N206T24IGM	Borrelia garinii IgM	24 tests	CE
N207T24IGG	Borrelia garinii VisE IgG	24 tests	CE
N209T24IGG	Borrelia Recombinant IgG	24 tests	CE
N210T24IGM	Borrelia Recombinant IgM	24 tests	CE
N212V24IGG	Brucella IgG	24 tests	CE
N213V24IGM	Brucella IgM	24 tests	CE
N242D24MNG	Meningitis IgG	24 tests	R&D

- Ready to use barcoded cartridges include all reagents, and control, needed for a single test
- More than 200 test parameters
- Calibrators and control are included in the kit
- Small kit packing size to reduce expiration risk
- 4PL calculation for quantitative results

BACTERIA INFECTION

Cat. No.	Products	Kit size	Status
N217T24IGA	Chlamydia pneumoniae IgA	24 tests	RUO
N218T24IGG	Chlamydia pneumoniae IgG	24 tests	RUO
N219T24IGM	Chlamydia pneumoniae IgM	24 tests	RUO
N220T24IGA	Chlamydia trachomatis IgA	24 tests	RUO
N221T24IGG	Chlamydia trachomatis IgG	24 tests	RUO
N222T24IGM	Chlamydia trachomatis IgM	24 tests	RUO
N223T24IGA	Chlamydia pneumoniae REC IgA	24 tests	RUO
N224T24IGG	Chlamydia pneumoniae REC IgG	24 tests	RUO
N266T24IGG	Mycoplasma pneumoniae IgG	24 tests	CE
N267T24IGM	Mycoplasma pneumoniae IgM	24 tests	CE
N228T24IGA	Mycoplasma REC IgA	24 tests	R&D
N229T24IGG	Mycoplasma REC IgG	24 tests	R&D
N230T24IGM	Mycoplasma REC IgM	24 tests	R&D
N231T24IGA	Helicobacter Pylori IgA	24 tests	CE
N232T24IGG	Helicobacter Pylori IgG	24 tests	CE
N233T24IGM	Helicobacter Pylori IgM	24 tests	CE
N234T24IGG	Treponema pallidum IgG	24 tests	CE
N235T24IGM	Treponema pallidum IgM	24 tests	CE
N237T24IGA	Yersinia enterocolitica IgA	24 tests	R&D
N238T24IGG	Yersinia enterocolitica IgG	24 tests	CE
N239T24IGM	Yersinia enterocolitica IgM	24 tests	CE

INFLAMMATORY PANEL

N1201M24PCT	Procalcitonin (PCT)	24 tests	CE
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GROWTH DEFICIENCY

N2101M24HGH	Growth hormone (hGH)	24 tests	CE
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PARASITE INFECTION

N301T24IGA	Toxocara IgA	24 tests	CE
N302T24IGG	Toxocara IgG	24 tests	CE
N303T24IGG	Echinococcus IgG	24 tests	R&D

MYCOSES

N501V24IGG	Candida albicans IgG	24 tests	CE
N502V24IGM	Candida albicans IgM	24 tests	CE
N505V24IGG	Aspergillus fumigatus IgG	24 tests	CE
N506V24IGM	Aspergillus fumigatus IgM	24 tests	CE

TORCH

N401T24IGA	CMV IgA	24 tests	RUO
N402T24IGG	CMV IgG	24 tests	RUO
N403T24IGM	CMV IgM	24 tests	RUO
N406T24IGG	Rubella IgG	24 tests	RUO
N407T24IGM	Rubella IgM	24 tests	RUO

TORCH

Cat. No.	Products	Kit size	Status
N408T24IGA	Toxoplasma IgA	24 tests	RUO
N410T24IGG	Toxoplasma IgG	24 tests	RUO
N411T24IGM	Toxoplasma IgM	24 tests	RUO
N416T24IGG	HSV 1+2 IgG	24 tests	CE
N417T24IGM	HSV 1+2 IgM	24 tests	CE
N418T24IGM	HSV 1 IgM	24 tests	CE
N419T24IGG	HSV 1 IgG	24 tests	CE
N420T24IGM	HSV 2 IgM	24 tests	CE
N421T24IGG	HSV 2 IgG	24 tests	CE

SYSTEMIC THROMBOSIS

N2901M24DDI	D-Dimer	24 tests	CE
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THYROID PANEL

N1406M24T3	T3	24 tests	CE
N1401M24FT3	Free T3	24 tests	CE
N1407M24T3U	T3 Uptake	24 tests	R&D
N1408M24T4	T4	24 tests	CE
N1402M24FT4	Free T4	24 tests	CE
N1403M24TSH	TSH (Thyroid-stimulating hormone)	24 tests	CE
N1405M24TTG	Tg (Thyroglobulin)	24 tests	CE
N1404M24TBG	TBG (Thyroxine binding globulin)	24 tests	CE
N1409M24ATG	Anti-Thyroglobulin (Anti-Tg)	24 tests	CE
N1410M24ATPO	Anti-TPO	24 tests	CE

STEROIDS PANEL

N1101M24ANS	Androstendion ANST	24 tests	CE
N1102M24E2	Estradiol	24 tests	CE
N1103M24UE3	uE3 (Unconjugated estriol)	24 tests	CE
N1104M24PRG	Progesterone	24 tests	CE
N1105M24OHP	17 OHP (17-Hydroxyprogesterone)	24 tests	CE
N1107M24SHB	SHBG (Sex hormone-binding globulin)	24 tests	CE
N1108M24TES	Testosterone	24 tests	CE
N1109M24FTES	Free Testosterone	24 tests	CE
N1110M24DHES	DHEA-S (Dehydroepiandrosterone sulfate)	24 tests	CE
N1111M24DHEA	DHEA (5-Dehydroepiandrosterone)	24 tests	CE
N1112M24E1	Estrone (E1)	24 tests	CE

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

FERTILITY PANEL

Cat. No.	Products	Kit size	Status
N1301M24AMH	AMH (Anti-Mullerian hormone)	24 tests	CE
N1302M24FSH	FSH (Follicle Stimulating hormone)	24 tests	CE
N1505M24FBHCG	Free β-hCG	24 tests	CE
N1306M24LH	LH (Luteinizing hormone)	24 tests	CE
N1307M24PAP	PAPP-A	24 tests	CE
N1308M24PRL	PRL (Prolactin)	24 tests	CE
N1309M24INH	Inhibin A	24 tests	R&D
N1310M24INB	Inhibin B	24 tests	R&D

ENDOCRINE PANEL

N901M24ACT	ACTH Adrenocorticotrophic hormone	24 tests	CE
N902M24ALD	Aldosterone	24 tests	CE
N903M24COR	Cortisol	24 tests	CE
N904M24LEP	Leptin	24 tests	R&D
N905M24MNE	Metanephrine	24 tests	R&D
N906M24NORM	Normetanephrine	24 tests	R&D
N907M24REN	Renin	24 tests	R&D

CARDIAC MARKERS

N1601M24CKMB	CK-MB	24 tests	CE
N1602M24CTNI	cTni (Cardiac-specific Troponin I)	24 tests	CE
N1603M24DIG	DIG (Digoxin)	24 tests	CE
N1604M24MYO	Myoglobin	24 tests	CE
N1605M24HCRP	hs CRP	24 tests	CE

CANCER MARKERS

N1501M24CA125	CA 125	24 tests	CE
N1502M24CA153	CA 15-3	24 tests	CE
N1503M24CA199	CA 19-9	24 tests	CE
N1504M24CEA	CEA	24 tests	CE
N1303M24HCG	hCG (Human Chorionic Gonadotropin)	24 tests	CE
N1506M24AFP	AFP	24 tests	CE
N1507M24PSA	PSA	24 tests	RUO
N1508M24FPSA	fPSA	24 tests	RUO

ANEMIA PANEL

Cat. No.	Products	Kit size	Status
N1701M24B12	Vitamin B12	24 tests	CE
N1702M24EPO	Erythropoietin EPO	24 tests	R&D
N1703M24TFR	Transferrin receptor - Tfr	24 tests	CE
N1704M24FER	Ferritin	24 tests	CE
N1705M24FOL	Folate	24 tests	CE

DIABETES PANEL

N1001M24IN	Insulin	24 tests	CE
N1003M24CPEP	C-Peptide	24 tests	CE

BONE METABOLISM

N801M24CAL	Calcitonin	24 tests	CE
N802M24PTH	PTH Parathyroid hormone	24 tests	CE
N803M24VID	25(OH) Vitamin D	24 tests	CE

AUTOIMMUNE DISEASE

Autoimmunity vasculitis

N261A24ACA	ANCA-Pro	24 tests	CE
N262A24PR3	Anti-PR3 hs	24 tests	CE
N263A24MPO	Anti-MPO	24 tests	CE
N264A24GBM	Anti-GBM	24 tests	CE

Autoimmunity thrombosis

N2511A24PH	Anti-Phospholipid Screen	24 tests	CE
N251A24PHG	Anti-Phospholipid Screen IgG	24 tests	CE
N252A24PHM	Anti-Phospholipid Screen IgM	24 tests	CE
N253A24CLC	Anti-Cardiolipin Check	24 tests	CE
N254A24CLA	Anti-Cardiolipin IgA	24 tests	CE
N255A24CLG	Anti-Cardiolipin IgG	24 tests	CE
N256A24CLM	Anti-Cardiolipin IgM	24 tests	CE
N257A24B2C	Anti-beta-2-Glycoprotein I - Check	24 tests	CE
N258A24B2A	Anti-beta-2-Glycoprotein I IgA	24 tests	CE
N259A24B2M	Anti-beta-2-Glycoprotein I IgM	24 tests	CE
N2510A24B2G	Anti-beta-2-Glycoprotein I IgG	24 tests	CE

Autoimmunity rheumatology

N709A24DNG	Anti-dsDNA IgG	24 tests	CE
N710A24DNM	Anti-dsDNA IgM	24 tests	CE
N703A24ENA	ENA Screen	24 tests	CE
N707A24ANA	ANA Screen	24 tests	CE

QUALITY



FULLY AUTOMATED MONOTEST IMMUNOANALYZER



AUTOIMMUNE DISEASE

Cat. No.	Products	Kit size	Status
N706A24RFS	RF Screen	24 tests	CE
N702A24IGG	CCP IgG	24 tests	CE
N704A24SSA	Anti-SS-A	24 tests	CE
N705A24SSB	Anti SS-B	24 tests	CE
N711A24SM	Sm	24 tests	CE
N712A24SCL	Scl-70	24 tests	CE
N713A24U1	U1RNP	24 tests	CE
N714A24JO1	Jo-1	24 tests	CE
N715A24CNM	Centromere	24 tests	CE
N716A24RIB	Rib-P	24 tests	CE
N717A24HIS	Anti Histone	24 tests	CE
Autoimmunity diabetes			
N281A24INS	Anti Insulin	24 tests	CE
Autoimmunity gastroenterology			
N241A24TTA	Anti-Tissue-Transglutaminase IgA	24 tests	CE
N242A24TTG	Anti-Tissue-Transglutaminase IgG	24 tests	CE
N243A24GLC	Anti-Gliadin-Check	24 tests	CE
N244A24GLA	Anti-Gliadin IgA	24 tests	CE
N245A24GLG	Anti-Gliadin IgG	24 tests	CE

STOOL DIAGNOSTICS

Cat. No.	Products	Kit size	Status
N1801V24CAM	Campylobacter	24 tests	R&D
N1802V24CDGDH	Clostridium difficile GDH	24 tests	R&D
N1803V24CDTAB	Clostridium difficile Tox. A+B	24 tests	R&D
N1804V24CP	Cryptosporidium Parvum	24 tests	R&D
N1805V24EH	Entamoeba Histolytica	24 tests	R&D
N1806V24GIA	Giardia	24 tests	R&D
N1807V24GHP2G	H. Pylori 2nd Gen.	24 tests	R&D
N1808V24NORV	Norovirus	24 tests	R&D
N1809V24ROTV	Rotavirus	24 tests	R&D
N1810V24VERT	Verotoxin 1+2	24 tests	R&D

ALLERGY

N2201M24IGE	NAISSA IgE	24 tests	CE
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ADDITIONAL REAGENTS

N2301VRF-1 **NAISSA RF-Absorbent** 10ml+100ml CE

CONTROLS & ACCESSORIES

NAISSA ACCESSORIES

Cat. No.	Products	Kit size	Status
N1901NA	NAISSA WASH A	2x40ml	CE
N1902NB	NAISSA WASH B	2x40ml	CE
N1904NS	NAISSA Sanitizing solution	2x40ml	CE
N1905NL	NAISSA SYSTEM LIQUID	2x40ml	CE

NAISSA CONTROLS

Cat. No.	Products	Kit size	Status
N2001M	NAISSA Multi Control	3levelsx3ml	CE
N2002M	NAISSA Anti-H. Pylori control	2levelsx1ml	CE
N2003M	NAISSA Anti-Tg & Anti-TPO control	2levelsx1ml	CE
N2004M	NAISSA Maternal control	3levelsx5ml	CE
N2005M	NAISSA TBG Control	3levelsx1ml	CE
N2006M	NAISSA Tg Control	3levelsx3ml	CE
N2007M	NAISSA Tumor marker control	3levelsx2ml	CE
N2012DC	NAISSA SARS-COV-2 CONTROL MATERIAL		CE
N2013M	AMH CONTROL MATERIAL		CE
N2014M	ALDOSTERONE CONTROL MATERIAL		CE
N2015M	PTH CONTROL MATERIAL		CE
N2016M	INSULIN CONTROL MATERIAL		CE
N2017M	CALCITONIN CONTROL MATERIAL		CE
N2018M	C-PEPTIDE CONTROL MATERIAL		CE
N2021M	ACTH Adrenocorticotrophic hormone CONTROL MATERIAL		CE
N2022M	Myoglobin CONTROL MATERIAL		CE
N2023M	Procalcitonin (PCT) CONTROL MATERIAL		CE
N2024M	CK-MB CONTROL MATERIAL		CE
N2025M	cTni CONTROL MATERIAL		CE

*Please, check availability of kits in 2021.

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