







INDEX ____

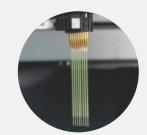
NEWBORN SCREENING	
 FULLY-AUTOMATED INSTRUMENT MODULAR SYSTEMS FEIA KITS QPCR KIT LC-MS/MS KITS 	
POINT-OF-CARE	1
 CELIAC TEST - HOME & PROFESSIONAL USE HELICOBACTER PYLORI - HOME & PROFESSIONAL USE 	
IMMUNOLOGY	1
 INFECTIOUS DISEASES - PROFESSIONAL USE INFECTIOUS DISEASES - ELISA KITS 	
MOLECULAR DIAGNOSTICS	
MOLECULAR BIOLOGY REAGENTS	
HPLC & LC-MS/MS	
HPLC & LC-MS/MS KITS	

FULLY-AUTOMATED INSTRUMENT - NS2400



- High-end robotic platform to facilitate automatic processing of NBS assays
- High-throughput system with a maximum capacity of 25 plates
- A see-through system with "Freedom EVOware Plus" for process controlling
- Alarm activation facility in case of instrumental error or operational mistakes
- Compatible Labsystems FEIA-based NBS kits for NS2400 Automate / Modular system





High-Precision Robotic Manipulator (RoMa)

Unique Liquid Handling System (LiHa)

MODULAR SYSTEMS



- Compact foot prints
- Robust with high quality performance
- Can be accommodated onto the NS2400 to upgrade to an automated system
- Individual Modules can be used for other requirements in the Laboratory wherever needed

6

NBS FEIA KITS

Fluorometric Kits

- Neonatal hTSH FEIA Plus
- Neonatal T4 FEIA
- Neonatal 17-0H-Progesterone FEIA
- Neonatal IRT FEIA
- Neonatal Toxoplasma gondii IgM FEIA
- Neonatal ToxoplasmNeonatal Galactose
- Neonatal GALT
- Neonatal G6PD
- Neonatal Phenylalanine
- Neonatal Biotinidase









- All the necessary components for assay performance are provided in the kit
- Long shelf-life and CE marked
- Based on highly-sensitive fluorescence technology
- No additional measurement step or fluorescence enhancement solution required
- Compatible with both modular and NS2400 automated systems

NBS qPCR KIT

SCID-SMA Multiplex Real-time PCR

Rapid and simultaneous detection of severe combined immunodeficiency (SCID) syndrome and spinal muscular atrophy (SMA)



NBS LC-MS/MS KITS

Expanded panel for Newborn Screening Covering the entire Urea Cycle Disorder



NeoMass AAAC

Separate protocol and separate injection for SUAC analysis

- Innovated and Patented technology capable of analysing both distal and proximal urea cycle giving a comprehensive screening of all urea cycle abnormalities
- Non-derivatized extraction method for all analytes including SUAC
- Widest panel of Amino acids containing Asp, Glu, Ser and Lys, enabling wider screening capabilities
- Three DBS controls covering the range from endogenous to abnormal levels → improved control over decision-making area

NeoMass AAAC Plus

Single protocol and single injection for all analytes, including SUAC



- Upgraded and Advanced version of NeoMass AAAC
- Simultaneous determination of AA, AC, ASA and SUAC in a single run minimises the use of lab consumables and instrument run time, improving the overall lab productivity
- Shortest extraction time

CAH-Steroid Profiling

Second-tier testing for congenital adrenal hyperplasia (CAH) in dried blood spot

- Second-tier testing to diagnose CAH by using LC-MS/MS in newborns
- Rapid and simultaneous quantitative determination of 17-OHP, Androstenedione, Cortisol
 11-deoxycortisol, and 21-deoxycortisol
- Variable test kits to accommodate lab's need
- Single drop of blood sample is only required, avoiding the need of serum sample

8

POINT OF CARE
IMMUNOLOGY

CELIAC TEST - HOME & PROFESSIONAL USE

PATENTED INNOVATION

- Simple and quick test procedure; Results in < 10 minutes
- Detection of total IgA reduces the risk of false negative due to rare IgA deficiency (Professional Test)
- Sensitivity 96,7 % and specificity 93,5 %

Biocard[™] Celiac Home test 1T; Cassette

Biocard[™] Celiac Professional test 10T; Cassette



Home Test kit

INFECTIOUS DISEASES - PROFESSIONAL USE

- Extremely simple test procedure
- Sensitivity 100% and Specificity 87,5% / 95%
- Room Temperature storage for easy transportation
- Long shelf-life
- Suitable for remote testing conditions



Biocard Chlamydia pneumoniae IgM
Biocard Mycoplasma pneumoniae IgM

HELICOBACTER PYLORI – HOME & PROFESSIONAL USE



Professional Test kit

- Simple and quick test procedure; Results in < 10 minutes
- Sensitivity 95,2% and specificity 95,5%
- Not interfered by antibiotic treatment unlike antigen or biopsy based test

Biocard[™] H. pylori lgG Home test, 1T; Cassette

Biocard[™] H. pylori lgG Professional test, 10T; Cassette

Biocard[™] H. pylori Urease test, 45T; Tablet

INFECTIOUS DISEASES - ELISA KITS



Chlamydia pneumoniae lgG, lgM,lgA, EIA

Mycoplasma pneumoniae lgG, lgA, lgM, EIA

Bordetella pertussis ,lgG, lgA, lgM, EIA

Bordetella pertussis PT lgG, EIA

Chlamydia trachomatis lgG, lgA, EIA

Toxoplasma gondii lgG, lgM, EIA

Toxoplasma gondii lgG Avidity

10 11

MOLECULAR BIOLOGY REAGENTS

- Simultaneous and separate detection of two bacteria in a single tube reaction from respiratory samples
- Specificity 100%, no cross reactivity
- Ready to use reagents and controls with short assay run time
- 10 copies detection limit



C.pneumoniae + M.pneumoniae duplex RT PCR
B.pertussis + B.parapertussis duplex RT PCR

HPLC&LC-MS/MS

HPLC & LC-MS/MS KITS

*coming soon

IS MASS

- LC-MS/MS based kit to detect immunosuppressant drugs in human whole blood
- Allows the monitoring of below Immunosuppressant drugs in organ transplants Cyclosporine A (Cyc A), Tacrolimus (TAC), Sirolimus (SIR), Everolimus (EVE)



VIT - D - MASS

- Quantitative determination of D2 and D3 in human serum using LC-MS/MS
- Provides accurate quantification method to Monitor Vitamin D level (D2 & D3)
- Fast analysis time per sample (5 minutes).



VMA-HVA-5-HIAA - LC/MS-MS

- LC-MS/MS kit for accurate quantitation of Vanillylmandelic acid (VMA), Homovanillic acid (HVA), and 5-Hydroxyindoleacetic acid (5-HIAA) in human urine sample
- Excellent reproducibility and high sensitivity



VIT AE - HPLC

- Simultaneous and quantitative determination of Vitamin A and Vitamin E in Human Serum/Plasma samples
- Less injection volume with low flow rate



VIT D - HPLC

- Intended for the quantitative determination of 25hydroxyvitamin D3 and 25-hydroxyvitamin D2 in human serum and plasma sample
- Comparatively lesser flow rate



AROMATIC AMINO ACIDS - HPLC

- Allows the quantitative analysis of Phenylalanine, Tyrosine, and Tryptophan in human plasma sample
- Helps monitoring of dietary therapy of Phenylketonuria



NOTES

