NORDIC BIOLABS AB PRESENTS

Products for Life Science

Promo code: NBLQ3

3/2023

CELLBOX SOLUTIONS

The new generation of portable incubators for live cell transport

- No pH-shift or use of metabolically active cryoprotectants
- Intelligently maintains internal environment for up to 32 hours (Air transport)/48 hours (Ground transport)
- High cell viability and accurate continuous data logging
- No freezing, no thawing – Cell arrive ready to use



Application examples

Bio Assays
- Lab-on-a-Chip
- Cell toxicity tests

Manufacturing Cells
- Primary Cell Culture
- Stem Cells

3D-Cell Culture
- Tissue Engineering
- Organoids

cellbox™
LIVE CELL SHIPMENT

TEMPERATURE
Maintains temperature between 28-38°C

CO_2 SUPPLY
Provides regulated CO_2 environment

RECHARGEABLE
Li-ION battery with external 100 - 230V power supply

APP
Data logging and export via Cellbox App

nordic biolabs

www.nordicbiolabs.se info@nordicbiolabs.se ordertel 08-630 85 10



Cuvette Spectrophotometer with temperature control and a scan range of 200–900 nm

The Implen C40 is a small (20 x 20 x 12 cm footprint) and robust spectrophotometer ready to go into a glove box, under the hood, from lab bench to lab bench, or into the field.

- If you need a portable instrument, then choose with battery option
- Stand alone or Remote Operated Windows, Mac, Android, and iOS
- GMP, GLP, GxP Ready with 21 CFR Part 11 and IQOQ option

If you need to read small sample volumes and/or the option to read 12 samples in parallel we have solutions for that too.

A very compact and silent centrifuge with reinforced steel wall and imbalance detection

LISA Centrifuge for tubes 5-7 mL, in total 18 different rotors available for tubes from 1.1 ml to 625 mL.

- Ergonomic closing of buckets lids with a system making it easy to open and remove samples.
- A green check will light up and give a signal that the program was completed correctly.



LISA Multifunction centrifuge Ventilated, AFI-C200V-E

Dimensions: 46x56x34 cm



LISA Multifunction centrifuge Refrigerated AFI-C200R-E

Dimensions: 68x58x32 cm

Specifications	Swing-out Rotor	Angular Rotor
Max Speed	5100 rpm	18000 rpm
Max RCF	5816 x g	31514 x g
Max Loading	4 x 625 mL	8 x 100 mL

All offers are valid until October 31, 2023, and can not be combined with other offers or agreements with Nordic Biolabs AB.
All prices are ex VAT. Please refer to promo code "NBLQ3" in order to get the right price when ordering.



Test and find the FBS that works best for your cells before buying

Since FBS is a biological product every batch is different, independent of brand. By reserving and testing different batches in parallel you can define one that works best for your cells.

We offer:
Test 2-3 different batches and reserve a minimum of 20 bottles of each batch. Define which works for you. For larger needs we can also offer storage of the bottles once you have decided. Contact Charlotte Otèma to get your test bottles - charlotte.otema@nordicbiolabs.se.

Tools for protein analysis: A Proteomics Products Guide

Working with Proteomics? The Proteomics Guide from Promega provides a comprehensive overview of products and technologies used for protein expression, purification, analysis and characterization.

Dowload the guide: www.nordicbiolabs.se / Downloads / Catalogues

The guide covers:

- Expression vectors
- In vitro protein expression systems
- Protein purification
- Pull-down system
- Trypsin and other proteases for mass spectrometry



Promega



Plates for environmental monitoring with up to 10 months shelf life

PMM's environmental monitoring plates have an exceptional long shelf life and are made for applications in industry, laboratories and research institutions.

CSG (Click & Safe Gamma) plates:

- For application in critical enviroments such as cleanrooms class A or B as well as in isolators or RABS
- Triple bagged and gamma-irradiated at 9 to 20 kGy

CS (Click & Safe) plates:

- For hygiene monitoring in less critical areas as well as product testing in laboratories and cleanrooms class C or D
- Single bagged

Benefits:

- Lockable petridish for safe transport and handling
- Long shelf life
- Storage at 15 - 25°C
- Unique identification number and barcode on each plate
- Reduced condensation
- Temperature-insulated packaging
- Long incubations possible

neutralizer: LTHT (L = lecithin/T = tween/H = histidine/T = Na-thiosulphate)
neutralizer: LTH (L = lecithin/T = tween/H = histidine)

We also offer selective culture media plates and culture media bottles from PMM.
Please contact Peggy Roth for more information - peggy.roth@nordicbiolabs.se

Art.no	description	pack size
100.0100	CSG contact plate: TSA + LTHT, triple bagged, sterile	100 (10x10 plates)
120.0100	CSG contact plate: SDA + LTHT, triple bagged, sterile	100 (10x10 plates)
101.0100	CSG contact plate: TSA U+, triple bagged, sterile	100 (10x10 plates)
200.0060	CSG settle plate 90mm: TSA + LTHT, triple bagged, sterile	60 (6x10 plates)
210.0060	CSG settle plate 90mm: TSA, triple bagged, sterile	60 (6x10 plates)
220.0060	CSG settle plate 90mm: SDA + LTHT, triple bagged, sterile	60 (6x10 plates)
300.0120	CS contact plate: TSA + LTH, single bagged	120 (12x10 plates)
400.0060	CS settle plate 90mm: TSA + LTH, single bagged	60 (6x10 plates)
410.0060	CS settle plate 90mm: TSA, single bagged	60 (6x10 plates)
425.0060	CS settle plate 90mm: SDA + Chloramphenicol, single bagged	60 (6x10 plates)
426.0060	CS settle plate 90mm: SDA , single bagged	60 (6x10 plates)

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Need help with your RNA-seq?
Lexogen Services in Austria provides a fully integrated workflow to sequence known and unknown RNAs in any species, to accurately quantify gene expression, and to detect novel transcripts and isoforms.



Save on sequencing cost - Gene expression analysis by RNA-Seq with less reads/sample

QuantSeq technology is a simple method that focuses on 3' ends of mRNA molecules, to easily access gene expression profiles by RNA sequencing. No need to deplete ribosomal RNA or to poly(A)-enrich, you can start your protocol straight away with purified total RNA.

- 5-10 times less reads/sample – get the most data from your budget
- Fast and simple protocol – 4.5 hours total
- Any sample, any input - degraded samples, low RIN, low input (from 1 ng) is no problem

QuantSeq comes in different versions:

- QuantSeq FWD (Forward) – original kit
- QuantSeq FWD V2 with UDI – for optimal sample multiplexing
- QuantSeq REV (Reverse) – for poly(A) site identification
- QuantSeq-Pool – for handling large numbers of samples
- QuantSeq-Flex – for customized approaches

Want to try?
Request an introductory offer

LEXOGEN

The Perfect Fit for protecting what matters - Cleanroom goggles from Protect2Clean

SimViz goggles are designed for use in rooms with controlled contamination such as cleanrooms. The careful design allows for long wear and maximum transpiration. They offer a wide field vision and can be used over all prescription eyewear.

- Lens, frame and strap are resistant to 40 cycles of autoclaving (121°C, 110kPa, 20 min)
- Frame is made of thermoplastic rubber which remains stable during multiple autoclaving
- Replacable lens
- Anti-fog
- GMP A/B, ISO 4



PROTECT 2CLEAN

Art.no	Description	Pack size
390048	Reusable goggles SimViz, Anti-Fog	50 pcs

Vivaspin -
A full range of ultrafiltration units for sample concentration and buffer exchange/desalting

Membrane Options:
VivaSpin is offered with 4 different membrane types.
Note that different membrane types can perform equally well, but one type may be optimal for a specific sample type.

1. Cellulose Triacetate - CTA
2. Polyethersulfone - PES
3. Regenerated Cellulose - RC
4. Modified regenerated cellulose - Hydrosart®

You can purchase all variants of Sartorius filter through us. Please contact us if you do not find the filter you are interested in on our homepage - www.nordicbiolabs.se.

Contact
Peggy Roth
073 668 29 91
peggy.roth@nordicbiolabs.se

SARTORIUS

Vivaspin

Vivaspin Ultrafiltration Family

- Broad range of volume capacities between 0,5-20 ml and MWCO from 2 kDa
- The vertical membrane design gives high flow rates and high recoveries
- A dead stop volume gives convenience and safe sample handling – no risk of concentration through evaporation.



Vivaspin® 500 Centrifugal Concentrators
Sample volume: 100-500 µl
Dead volume: 5 µl
One step procedure for small sample amounts.



Vivaspin® 2 Ultrafiltration Devices
Sample volume: 0,4-2 ml
Three membrane alternatives: PES, Hydrosart®, CTA.
Reverse spin enabled, good for low concentrations.



Vivaspin® 6 Centrifugal Concentrators
Sample volume: 2-6 ml
Dead volume: 30 µl
Our premium PES membranes in the twin vertical membrane design, lead to fast sample concentrations and high recoveries.



Vivaspin® 15R Centrifugal Concentrators
Sample volume: 4-15 ml
With modified regenerated cellulose membrane; Hydrosart®.



Vivaspin® 20 Ultrafiltration Unit
Sample volume: 5-20 ml
Dead volume: 50 µl

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Vivaspin Turbo

Highest recoveries in the fastest possible time! - Vivaspin Turbo 15 available with RC (regenerated cellulose) or PES membrane. Choose the membrane with the best compatibility for your molecule target. The pipette friendly dead stop pocket eliminates the risk of sample filtration to dryness and facilitates the recovery of the concentrate.



Vivaspin® Turbo 4 Ultrafiltration Unit
Sample volume: 2-4 ml
Dead volume: 30 µl



Vivaspin® Turbo 15 PES & RC Ultrafiltration Units
Sample volume: 4-15 ml
Dead volume: 60 µl

Centrisart

Centrisart® I is a ready-to-use unit for small volume centrifugal ultrafiltration to separate proteins from low molecular weight substances in biological samples and can be used in fixed-angle or swinging-bucket rotors accepting standard 15 ml tubes.
The ultrafiltrate is collected in the floater insert tube, where it is readily accessible without removing the tube.



Centrisart® I Centrifugal Ultrafiltration
Sample volume: 0,1-2,5 ml

Vivacon

Vivacon® 500 For fast DNA concentration and buffert exchange of 500 ul samples. The use of Hydrosart® membranes results in high recoveries from dilute sample



Vivacon® 500 Centrifugal Units
Sample volume: <500 µl
Dead volume: 5 µl

More information can be found on our wepsite
nordicbiolabs.se / Downloads / Catalogues

Choose the best device for each lab ultrafiltration application
Laboratory Filtration Products

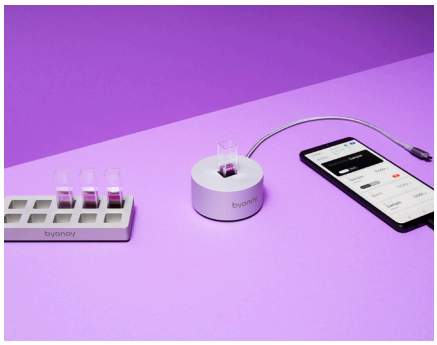
SARTORIUS



The World´s most compact spectrophotometers



The Absorbance 96
The only truly portable plate reader in the world. Easily transported within or between different laboratories, the Absorbance 96 gives you complete flexibility. 900 g, HxWxL 5x9x14.5 cm



Absorbance One
For endpoint or kinetic measurements, a single wavelength per device means the Absorbance One can be tailored specifically to the desired colorimetric assay. Compatible with multiple cuvette types, allowing for microvolume measurements or readout in standard 1 cm cuvettes.



Absorbance 96 Automate
On-deck plate reader module for easy integration.
With its small footprint, light weight, and z-axis serviceability, Absorbance 96 Automate is designed for modular integration and can be serviced by a wide range of robotic systems, from traditional decks to state-of-the-art modular systems.



Plug & Play



USB-Connection

A single USB cable connects the device to a computer, tablet or smartphone, and provides access to the Byonoy App, where a clean and user-friendly interface allows measurement results to be easily recorded and exported in the desired digital format.

byonoy

	Absorbance 96, plate reader	Absorbance One
Size	9.6 x 15.4 x 5.5 cm	3.3 x Ø6.4 cm
Weight	900 g	150 g
Available wavelengths	400 – 1000 nm (Choose which 4, when ordering)	340-1000 nm (choose which, when ordering)
Measurement range	0-4.0 OD	0-5.0 OD
Read time	Down to 3 s at single wavelength	

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Stirred water bath, 4 liter tank capacity

Easy set up, high temperature maintenance accuracy at high temperature, compact size and attractive modern design make this water bath widely used.

WB-4MS provides increased temperature stabilization (up to 0.1°C) due to built-in magnetic stirrer (regulated speed 250–1,000 rpm).

Simultaneously up to 2 tube racks can be installed



Art no.	Description	List price SEK	Right now! SEK
BS-010406-AAA	WB-4MS Stirred water bath	11 610	8 900
BS-010406-KK	TR-5/30, Tube rack for up to 5x 30 mm diameter tubes	1 360	1 200
BS-010406-JK	TR-44/11, Tube rack for up to 44x 2/1.5 ml microtest tubes	1 360	1 200
BS-010406-IK	TR-30/13, Tube rack for up to 30x 10-13 mm diameter tubes	1 360	1 200
BS-010406-FK	TR-16/19, Tube rack för up to 16x 16-19 mm diameter tubes	1 360	1 200

1-step viral DNA/RNA isolation using less plastics

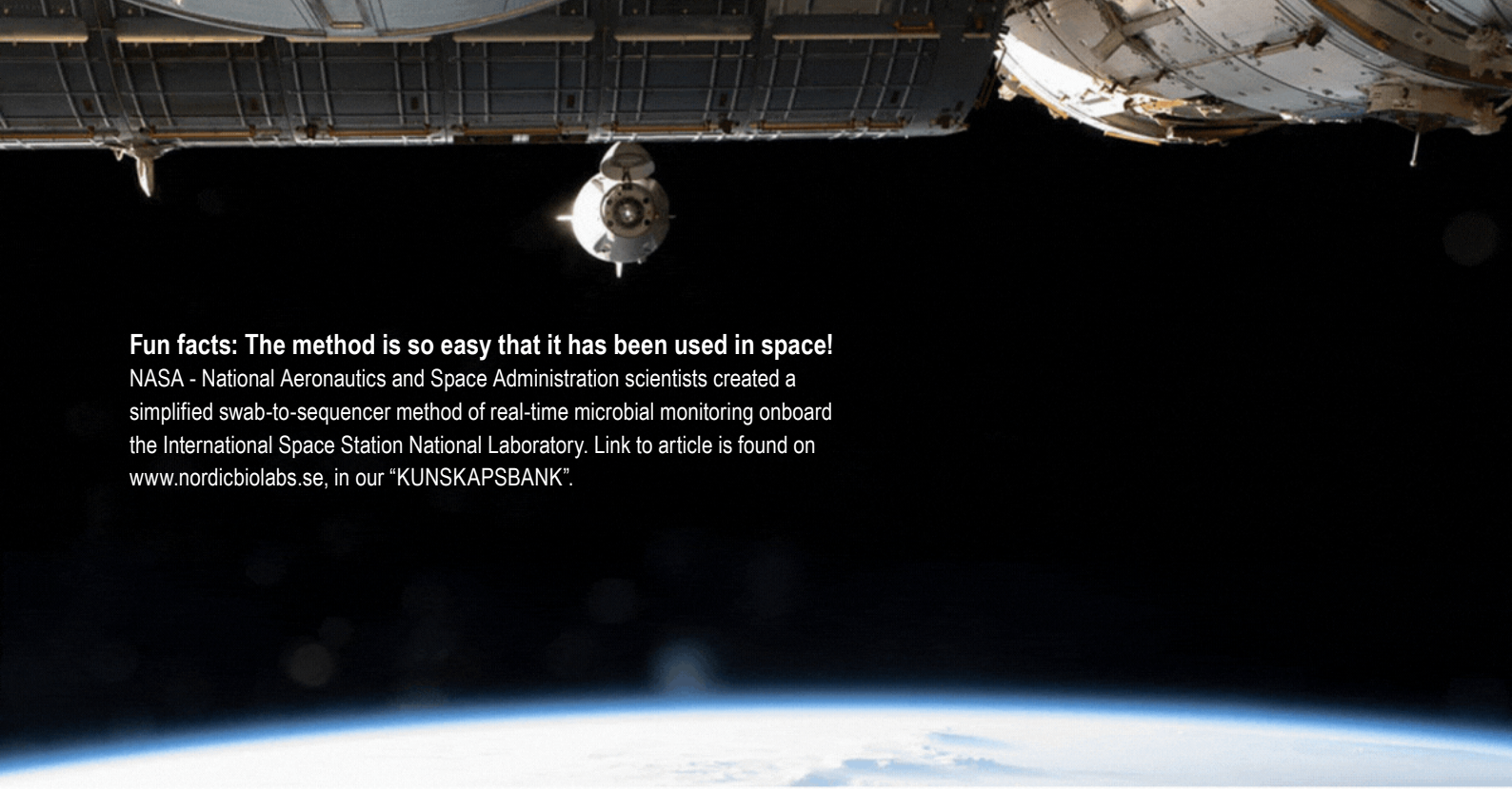
INVITEK diagnostics

The RTP® Pathogen Kit contains pre-filled Extraction Tubes with freeze-dried buffer containing all components needed for sample lysis (lysis buffer, carrier RNA, proteinase K).



- Save hands-on time and plastic: less centrifugation and pipetting steps due to one-step lysis
- Multipurpose kit: simultaneous isolation of viral DNA/RNA and bacterial DNA
- CE-IVD certified, recommended for in vitro diagnostic use

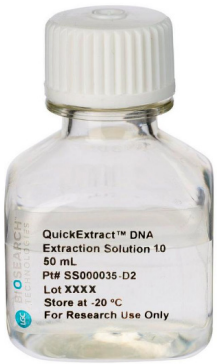
Art no	Description	List price SEK	Right Now! SEK
1040500200	RTP Pathogen Kit, 50 Rxn/Fp	3 410	2 895
1040500300	RTP Pathogen Kit, 250 Rxn/Fp	11 280	9 588



Fun facts: The method is so easy that it has been used in space!
NASA - National Aeronautics and Space Administration scientists created a simplified swab-to-sequencer method of real-time microbial monitoring onboard the International Space Station National Laboratory. Link to article is found on www.nordicbiolabs.se, in our “KUNSKAPSBANK”.

Extract DNA, easy, fast and simple

QuickExtract™ DNA Extraction Solution is a fast and simple method for extracting PCR-ready genomic DNA from almost any sample for screening and genotyping applications.



- **Fast:** 3 - 8 minute extraction protocol for most sample types
- **Simple:** No need of centrifugation steps or spin columns to help increase yields
- **Automation-friendly:** Procedure can be easily scaled to process hundreds of samples using automated workflows
- **Safe:** Uses only non-toxic reagents

BIOSEARCH™ TECHNOLOGIES
GENOMIC ANALYSIS BY LGC

Art no	Description	List price SEK	Right Now! SEK
QE09050	QuickExtract DNA Extraction Solution 1.0, 50mL	6 160	4 950

ATAC-Seq solution

A complete line of solutions to make it easy for all researchers to generate high ATAC-Seq data they can trust including ATAC-Seq kits, ATAC-Seq service, single-cell ATAC-Seq service, and educational resources.

The ATAC-Seq kit from Active Motif is available for fresh or frozen cells or tissues as well as for formaldehyd-fixed cells. The kit provides the reagents necessary to produce 16 unique sequencing-ready Illumina®-compatible ATAC-Seq libraries from 20 – 30 mg tissue or 50,000 – 100,000 cells per reaction.



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In your search for C18 columns or other chemistries - why not try something new

If your preferred go-to column is a C18, there are "thousands" to choose from and very few are similar to each other.

The variations come from base silica or hybrid material, how they are produced, how much or little metal ions are present, how much and if the silica/hybrid material is end-capped and what it is end-capped with, how many C18 chains there are (carbon load) and if the vendor has chosen to add an additional functionality to the chemistry. And even though all manufacturers strive to keep batch-to-batch variations as narrow as possible, there are minor differences even within the same brand.

Choosing the right column for your specific sample therefore can be a "jungle", and even though there are several tools to help you, testing different C18 columns (or other functionalities) is always the best way to go. And when you have found your preferred manufacturer and brand for your need, and you are going to have your method validated, always test at least 3 batches of the chosen column to make sure the batch-to-batch variations get implemented into your final method specifications.

Nordic Biolabs represents the column manufacturers Teknokroma (Spain) and Orochem (USA), and we are happy to provide you with columns to test for your next method.

Please contact Iben Kofoed Piper for information and column suggestions.
+45 9384 5256, iben.kofoedpiper@nordicbiolabs.dk

Examples





Gazelle C18 100Å, 1,7µm from Orochem

Gazelle UHPLC columns offer a significantly increased throughput, low solvent consumption, inline process monitoring, and improved LC-MS results.
Gazelle is designed to yield higher sensitivity and reproducibility in less run time. A proprietary silica type A manufacturing process yields a narrow particle size and pore size distribution for consistent and reproducible results. The hydrophilic spherical surface is stable over a wide pH range (2-8) for excellent method flexibility.

Mediterranea Sea18 2,2 µm from Teknokroma

Mediterranea is a transitional column fully compatible with cutting-edge HPLC and UHPLC systems, radically improving analysis performance and halving retention times.
The material used is an ultra-pure, metal-free, state-of-the-art silica gel packing, with a particle size of 2,2 µm and a pore size of 100 Å. Compatible with a 100% aqueous mobile phase and it withstands extreme pH conditions (1,5 to 11).
Mediterranea Sea 18 has been developed to offer the highest quality and reproducibility.

OROCHEM Molecular Purification by Design

Teknokroma Professionally Friendly

Do you know the difference between gloves and why it is important?

Contact us if you want us to come to your lab and educate you and your colleagues free of charge.

Abstract of the seminar we offer:

GLOVE SECRETS - unravelling the mysteries of gloves

Gloves are our constant companion in the lab affording us with the necessary personal and process protection. In fact few other items in the lab share such an intimate relationship with ourselves and yet we rarely spend time to understand their valuable role. Therefore, in this seminar we'll unravel many of the secrets associated with gloves ranging from regulations, protection comfort and affordability. At the end you'll be in better position to not take your gloves for granted





We welcome Peggy Roth!

Peggy Roth is our new Product Manager working with clean room products, consumables, balances, water systems and much more.

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