NORDIC BIOLABS AB PRESENTS

Products for Life Science

Promo code: NBLQ1

1/2023

Looking for FBS or other Sera for cell culture?

We offer:

- *Human Serum*
- *Mouse Serum*
- *Goat Serum*
- *and many other animal sera*



nordic biolabs

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

Nordic Biolabs AB

Nordic Biolabs AB is a Swedish company founded 1970 with head office and warehouse in Täby, north of Stockholm.

Address	Box 7293, 187 14 Täby
Visiting address	Ritarslingan 16, 187 66 Täby
Telephone no	08 630 85 00
E-mail	info@nordicbiolabs.se
Website	www.nordicbiolabs.se

Contact our Customer Service
Monday - Friday 08.00-16.30 (during summer 16.00).

Telephone no.	08 630 85 10
E-mail	info@nordicbiolabs.se



We welcome Feven and Jens

The team working with customers and products within Life Science consist of some maybe familiar faces but we take the opportunity to welcome our two new colleagues. Feven Solomon will be focusing on customers in the area from Stockholm and the north part of Sweden and Jens Götharson in the west and south parts.



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All prices are ex VAT. Please refer to promo code "NBLQ1" in order to get the right price when ordering.

Nordic Biolabs suppliers

Innovative epigenetics tools and services for research and drug discovery

centrifuges for GMP and GLP environments

Disinfection and cleaning for lab and cleanrooms

Large system for cryo-/biobanks

Antisera, media, bacteria definition

Ice-free sample preparation and freezing

Lab instruments with small footprints

Competent cells, enzymes, NGS kits etc

Labels, printers and spill protection

Aborbance readers with a small foot print

Buffers and Reagents for DNA/RNA

Cell culture media and serum

New generation bioreactors

RNA for translation in cells

Swabs, sample collection, transport

Cell media and serum for research and drug discovery

Tubes, sample containers and storage

Biochemicals, bio-reagents, antibodies

Wipes for cleanroom applications

Nanophotometer and cuvette photometers

Instruments and IVD labeled DNA/RNA kits

Ethanols for desinfection

Library prep kits for RNA

Microbiological media, supplements

Tubes in 96 well format for storage

Plate readers, cell imaging, absorbance, fluorescence, luminescence

Biochemicals, lysing matrix, homo-genizers for DNA, RNA and proteins from any tissue

Accurate, automated cell count & analysis

CO_2 incubators, safety cabinets, ULT-freezers

Chromatography consumables, sample prep for bioanalysis and proteomics

Pipette Doctor, pipette service/accredited pipette service and calibration (ISO 17025)

Environmental Monitoring

Cell- & molecular biology reagents, multi-mode readers and extraction systems

Cleanroom and industrial safety products

Pipette tips, filtration and purification, pipettes, balances, centrifuges, water systems, air samplers

Nitrile gloves for personal protection

Sterilization control

Cuvettes, certified reference material

Consumables and accessories for HPLC/ UHPLC, GC and SPE

Racks for all freezer brands and models

Sterile cell culture plastics, Pipette boy (Turbofix)

Contamination control and environmental monitoring

Lab furniture



Refill Packs, an easy way to refill empty Single Tray racks

Sartorius offers a convenient range of package options and smart color code that makes it quick and easy to find exactly the right tip for your pipette. The trays, racks, and non-filter tips are fully autoclavable at 121°C, 20 minutes, 1 bar/100kPa. All tips, trays, and racks are made of 100% pure polypropylene and are recyclable as energy waste.

Refill Tower

- Reuse and reload empty racks easily
- Save space: 10×96 tips in each tower
- Available in the most widely used tip sizes: 10µL, 200µL, and 350µL
- 100% recyclable cardboard package

Refill Packs

- Reuse and reload empty racks easily
- Each batch is certified free of DNase, RNase, human DNA and endotoxins
- Individually packed hermetically sealed tip trays for maximum purity
- Pre-sterilized option available

SARTORIUS

New Kit to study the Environmental microbiome

Analyse the soil microbiota using the new Invisorb Spin Soil DNA Kit that works via spin column technology (with an optional use of Zirconia beads) for isolation and purification of microbial DNA from soil samples.

Similar sample materials such as degraded plant material or sandy soil can also be used for sample extraction.

INVITEK Molecular

Art no.	Description	List price SEK	Right now! SEK
1039100200	Invisorb Spin Soil DNA Kit, 50 rxn	3 030	2 500
1039100300	Invisorb Spin Soil DNA Kit, 250 rxn	11 700	9 900

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Store samples in a sustainable way

Our 1.4 ml storage tubes carry the ACT label since it is verified by My Green Lab as having a low Environmental Impact Factor (EIF) in terms of manufacturing, energy and water use, packaging and end-of-life.

The tubes are stored in racks with small footprint which means more samples can be stored in a defined space, **so less freezers needed which also impacts the environment**. The tubes are available non-coded, with an alphanumeric code in the bottom and with a 2D code in bottom for easier handling and traceability. Close the tubes with a push cap for storage down to -20°C or a screw cap for lower storage temperature.

Please contact us to find the right combination for you.

Specifications	
Tube volume	1.4 ml
Sample volume	1.04 to 1.20 ml depending on U or V bottom and type of cap
Tube height in rack	46.5 mm (without cover)
Footprint	85.5 x 127.8 mm

ACT. The Environmental Impact Factor Label — EU

Micronic 1.40ml 2D Data-Matrix coded Screw Cap tubes V-bottom precapped with Grey Screw Cap in 96-4 Rack with high cover (Barcoded A1-H1 side)

Lelystad, Netherlands

SKU MPS2551-Z20

Environmental Impact Scale — Decreasing Environmental Impact: 1 – 10

Manufacturing	
Manufacturing Impact Reduction	1.0
Renewable Energy Use	No
Responsible Chemical Management	1.0
Shipping Impact	1.0
Product Content	10.0
Packaging Content	1.0
User Impact	
Energy Consumption (kWh/day)	N/A
Water Consumption (liters/day)	N/A
Product Lifetime	6.0
End of Life	
Packaging	4.0
Product	8.8
Environmental Impact Factor:	**32.8**
Label Valid Through:	June 2023

act.mygreenlab.org

MICRONIC — INNOVATION IN SAMPLE STORAGE

How our green glove address environmental concerns

***ecoSHIELD™ nitrile gloves** have been designed to meet various ecological objectives in terms of environmentally friendly production methods, packaging, and printing.*



Specifically, these gloves offer the following:

- The packaging of the ecoSHIELD™ range is made from recycled cardboard, which reduces by 50% the CO_2 emissions per kg of produced cardboard.
- The amount of ink used on the packaging has been reduced by over 60%.
- The packaging allows 50% more nitrile gloves to be packed in the same volume compared to other product ranges, saving more than 30% cardboard. This represents half a tree for every million gloves packed. Not only that, the reduction in storage space and maritime transport will contribute to a 700kg reduction in CO_2 emissions for every 1.000 cases delivered.

SHIELD Scientific — compliance comfort protection

Art no	Description	Pkg size
625121	ecoSHIELD Nitrile Glove 250, XS	150 x 10
625122	ecoSHIELD Nitrile Glove 250, S	150 x 10
625123	ecoSHIELD Nitrile Glove 250, M	150 x 10
625124	ecoSHIELD Nitrile Glove 250, L	150 x 10
625124	ecoSHIELD Nitrile Glove 250, XL	150 x 10

Do you want to know a bit more - have a look at our knowledge center at www.nordicbiolabs.se / Kunskapsbank

The full versions of the articles below are found in our knowledge center.



Environmental and Social Corporate responsibility when producing gloves

This article will explain how glove production can be done with the goal to reduce its carbon footprint as much as possible, avoid polluting the environment and preserve water resources. It will also address how care is taken for a socially responsible business, to ensure sustainable growth that generates stable employment for the people working in the factories in Malaysia.



Online monitoring of small volume reactions using compact LC instrumentation

Compact LC designs permit the instrumentation to be coupled close to the reaction vessel, which is advantageous in confined spaces. Using capillary-scale LC columns, requiring only nL-scale sample amounts for each sample injection, reduces the total volume loss due to sampling to less than ~0.2% for both reactions. This workflow is well-suited to chromatographic-based on-line reaction monitoring for volumes in the 10 – 50 mL range, common in synthesis-focused laboratory settings.



Automated cell culture analyzer in small scale CHO fed batch mAb production

The Flex2 needs only a small sample volume for immediate cell counting, metabolites, pH and gas analysis and was used in this study performed by the Swiss company Selexis, when exploring the impact on cell-specifc productivity of mABs in CHO-cells when optimizing fed batch strategies.



A practical way to increase antibody production in a less labour-intensive manner than traditional method in multiple flasks

Dr. Jean-Christophe Bourdon, Head of the p53 isoform laboratory at the University of Dundee, and his team have been using a CellMaker 8L system to effectively produce a range of p53 antibodies from murine hybridoma cells. In this experiment, batch cultures were run in both the CellMaker and flasks, and the respective production of two different mouse monoclonal antibodies were compared.

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Make HPLC Anywhere® a reality with the Axcend Focus LC®

Focus LC® is a shoebox-sized, hand-portable, UV-Absorption-based capillary HPLC that breaks the mold for traditional high-performance liquid chromatography systems.

Lightweight, Portable and Powerful.
The Axcend Focus LC is a remarkably small HPLC that weighs 8 Kg, runs on AC or DC power, and operates at up to 10,000psi.

Micro Volumes. Micro Waste.
Why use liters of solvents per week? With the Axcend Focus LC, you'll use under 10 mL per week, and produce roughly the same amount of waste, even when used 24x7.



Use It Anywhere. Literally.
Not only does the Axcend Focus LC work in any lab. But it also works in locations other HPLCs cannot, like inside a fume hood, in a glove box, or in the field. In other words, anywhere.

Integration Is Easy.
The award-winning design of the Axcend Focus LC makes it easy to integrate with other instruments, like mass spectrometers and auto samplers. And because solvent and waste vials are kept inside our HPLC, moving it from one location to another is a snap.

Unique Time-Saving Cartridges.
Most HPLCs require scientists to manually adjust their hardware configurations, but not the Axcend Focus LC. Our compact, tool-less and easily swappable cartridges make modifying your hardware settings fast and easy.

Lower Costs. Huge Savings.
Not only is the Axcend Focus LC highly competitive price-wise, but the ongoing costs to operate this capillary HPLC may be as low as 1/1400th of your current expenses for solvents and waste disposal. (Ask us for more details.)

Axcend®

Accessories for Chromatography



When running on chromatography systems with small inner diameter tubings such as the Axcend LC in micro-scale, it is very important to ensure that all solvents, buffers and samples are without particles that could block the flow and interfere with the chromatography.

To ensure clean mobile phases and samples, we can offer you a variety of products from our supplier Teknokroma.

For sample preparation:

- SPE cartridges and accessories
- QuEChERS
- Syringe filters

Teknokroma®
Professionally Friendly

Mobile phase filtration

Art no.	Description	List price SEK	Right now! SEK
TR-F1000	Complete Filtering Equipment 1.000 mL vessel and 250 mL funnel	3 256	2 765

Interested in FBS with less batch-to-batch variation and decreased cell stress?

FBS Xtra contains the key components for optimal cell growth and at the same time reduce the serum content showing a positive influence on cell growth, morphology, and furthermore decreases cell stress. This approach reduces the batch-to-batch variations.

FBS Xtra is supplemented to cell culture media in the same concentration as your standard FBS.

Free sample available for testing your cells with FBS Xtra.



FBS Xtra CAPRICORN SCIENTIFIC



20% larger filtration surface and high flow rate with quadratic filter

Bottle and filter top can be purchased seperately. For more details check www.nordicbiolabs.se Produkter / Cellodling & Cellbiologi / Cellodlingsplast /Filtrering / Filtersystem & Filtertoppar, PES

- Large quadratic filter surface of 49 cm^2 and 69 cm^2 respectively is 20% larger than with similar volume units with circular membranes.
- PES filter membrane (0.22 µm) for low protein binding and high chemical resistance.
- Secure footprint: flask with its sturdy square footprint is difficult to tip over during filtering.

Art no	Description	List Price SEK	Right now! SEK
99150	Filter system 150 ml, squared top and bottom, PES membrane, Sterile, 18 St/Fp	1 870	1 489
99250	Filter system 250 ml, squared top and bottom, PES membrane, Sterile,12 St/Fp	1 370	1 096
99500	Filter system 500 ml, squared top and bottom, PES membrane, Sterile, 10 St/Fp	1 450	1 160
99955	Top filter/Bottle top 1000 ml, squared, PES membran 12 St/Fp	2 740	2 192

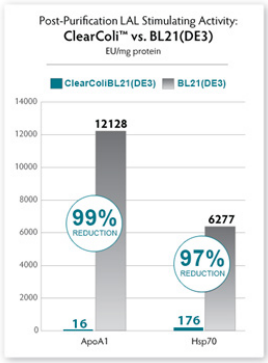
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Eliminate Endotoxin from protein or plasmid DNA preparation



ClearColi® BL21(DE3) cells are competent cells with a modified LPS that does not trigger the endotoxic response in mammalian cells.

After minimal purification from ClearColi cells, proteins or plasmids, which may still contain Lipid IVA, can still be used in most applications without eliciting an endotoxic response.



Comparison of endotoxin units as measured by the LAL assay using nickel-column purified recombinant ApoA1 and HSP protein expressed in ClearColi BL21(DE3) and E. cloni EXPRESS BL21(DE3) competent cells. Protein expressed from ClearColi demonstrates significant reduction in EU/mg without endotoxin removal steps.

Lipopolysaccharide (LPS), also known as endotoxin, is a potent agonist for hTLR4/MD-2-mediated proinflammatory activity in human immune cells. To prevent toxicity, recombinant proteins, commonly manufactured in E. coli, must be essentially free of endotoxin. However, efficient elimination of endotoxin is a challenging task, and none of the downstream applications remove endotoxin entirely.

BIOSEARCH TECHNOLOGIES

Art no	Description	List price SEK	Right Now! SEK
60810-1	ClearColi BL21(DE3) Electrocompetent Cells, 12 rxn	5 044	3 900
60810-2	ClearColi BL21(DE3) Electrocompetent Cells, 24 rxn	9 200	7 200

New Benchtop centrifuge

Benchtop, low-speed laboratory centrifuge designed for convenient sedimentation, centrifugation and collection of necessary samples. Provides safe operation at all speeds with its metal protective housing and metal lid, automatic imbalance switch-off, lid lock during the centrifuge operation

- Automatic rotor detection with active rotational speed limit.
- Rotors sold separately for 2 ml to 50 ml tubes, 96-well plates and gel cards. A selection is shown below, please contact us for more information, article number and price.
- Chamber size 355 mm to reduce sample heating during centrifugation.
- Outer dimension: 560 x 480 x 315 mm.
- Speed regulation for centrifuge tubes: 100-6000 rpm (3750 x g).



LMC-56 Laboratory Centrifuge

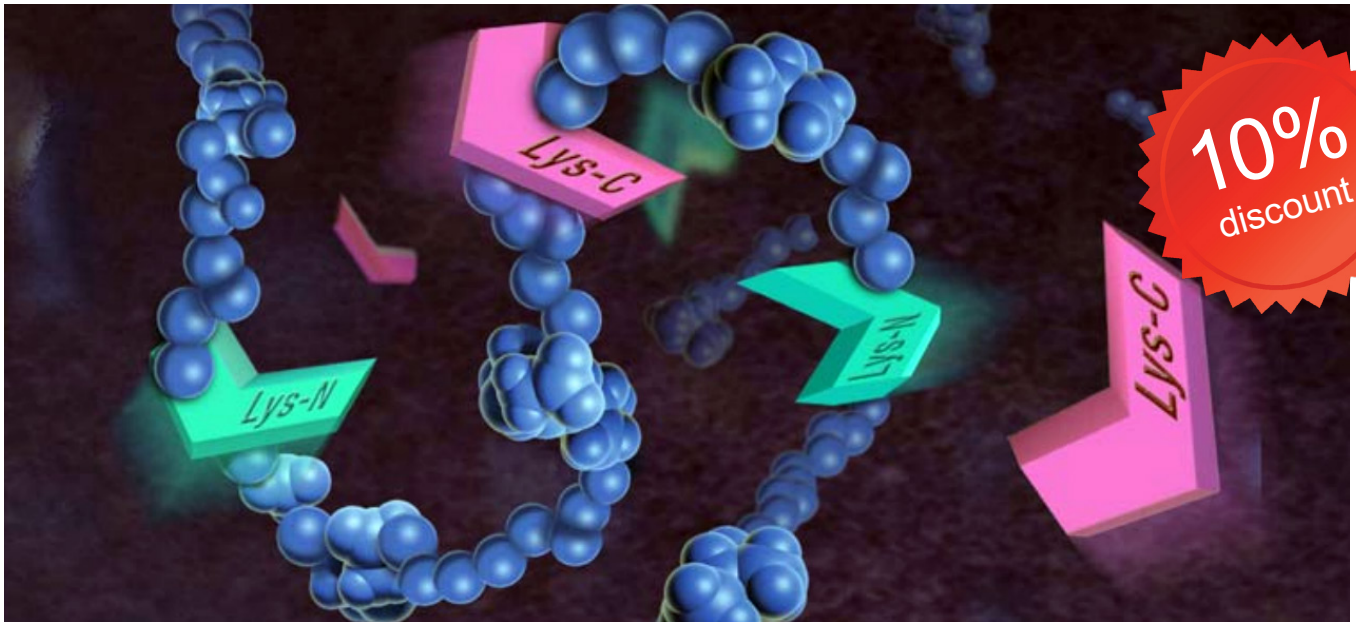
Right now! 15 900 SEK

Art no: BS-010221-A01

List price: 18 700 SEK

biosan
Medical–Biological Research & Technologies

				
BS-010221-AK	**BS-010221-CK**	**BS-010221-EK**	**BS-010221-IK**	**BS-010221-KK**
BR-4U Bucket Rotor	BA-2/50 Bucket adapter for 2 x 50 ml tubes, set of 4	BA-4/15 Bucket adapter for 4 x 15 ml tubes, set of 40	Ri-6 - Swing-out rotor, 6 x 50 ml tubes	Ri-12/15 – Swing-out rotor, 12 x 15 ml tubes



Mass Spec Enzymes

Among the most important techniques in proteome analyses is the in-gel digestion of protein spots/bands that have been resolved by electrophoresis using digestive enzymes, such as trypsin and lysyl endopoptidase.

From Promega we also offer other format of Trypsin and a range of other proteases qualified for mass spectrometry sample prep. For example: Trypsin/Lys-C, rAsp-N and more. Find them in our webshop; www.nordicbiolabs.se Produkter / Proteomik Masspektrometri / Enzymes for Mass spectrometry

Trypsin

Peptide mapping is a crucial step in analyzing proteins for structural anomalies, but most trypsin products have drawbacks that can complicate your analysis. Trypsin Platinum is a protease designed with features including enhanced proteolytic activity and autoproteolytic resistance, to improve specificity in protein characterization through mass spectrometry.

Art no	Description	Right now! SEK
VA9000	Trypsin Platinum, Mass Spectrometry Grade, 100 ug	1 578

Lysyl Endopeptidase

Lysyl Endopeptidase®, Mass Spectrometry Grade (Lys-C)
Proteins can be identified by mass spectrometry analysis of the peptides produced by in-gel digestion, and further information regarding post-translational modifications can be obtained.

Lysyl Endopeptidase®, Mass Spectrometry Grade (Lys-C) is a freeze dried product that retained sufficient activity for in-gel digestion and packed in very small quantities for convenience purposes.

Art no	Description	Right now! SEK
125-05061	Lysyl Endopeptidase Mass spectrometry grade, 20 ug x 5/fp	14 000

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Water for Injection (WFI) - high quality with no significant contaminant

WFI filtered through a 0.1 µm filter that is available in single-use containers of the appropriate size that can be connected aseptically to other single-use components to minimize the risk of contamination. It is purified by reverse osmosis/distillation and meets requirements as per USP.



Applications for our WFI quality water include:

- Hydration of cell culture media, salt solutions, and supplements.
- Rinsing of primary packaging, production vessels, equipment, and room surface.
- Reconstruction and rehydration of product during synthesis.
- Preparation of buffers for purification by chromatography.

Find WFI in our webshop:
www.nordicbiolabs.se / Produkter / Cellodling & Cellbiologi / Vatten

cytiva

Produce your own High-quality ultrapure water

High-quality ultrapure water, pure and reverse osmosis (RO) water to accommodate your laboratory needs reliably and consistently



Compact Arium® Mini laboratory water systems have been designed for Type 1 ultrapure water requirements of 10 liters per day and are ideal for use in preparation of buffers, media and samples, both in life sciences applications and in analytical laboratory procedures.

A large, touch activated screen and intuitive menu navigation for easy operation. Regardless of your type of feed water available, use Arium® Mini or Arium® Mini Plus featuring our unique bagtank technology or connect Arium® Mini Essential directly to your deionized water supply line in the lab.

Choose the right version for your daily applications:

SARTORIUS

Feed Water	Arium® Mini	Arium® Mini Plus	Arium® Mini Essential
Tap Water		X	
Pretreated (RO/DI Line)			X
Pretreated water (from supply container)	X		
Purified Water			
Type 1	X	X	X
Type 3		X	













We offer a wide range of high quality products for your cleanroom

- **Protective clothing** – disposable clothing, face masks, goggles.
- **Hand protection** – disposable gloves, knitted under gloves, cut resistant gloves.
- **Contamination Control** – disinfectants, detergents, sticky mats.
- **Environmental monitoring** – triple bagged culture media, plates and bottles.
- **Cleaning equipment** – swabs, dry wipes, pre-saturated wipes, mops.
- **Sterility Monitoring Products** – chemical and biological indicators for a variety of sterilization processes.
- **Stationary** – pens, paper, tape.

AGMA · CROSSTEX A CANTEL MEDICAL COMPANY · pmm pharmamedia de müller gmbh · PROTECT 2CLEAN · SHIELD Scientific compliance comfort protection · vai

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