A broad range of products from Nordic Biolabs

1/2024



















nordic biolabs

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Nordic Biolabs AB

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

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It is easy to place an order in our wepshop, just log in and your agreed prices are shown. Of course you can also call or e-mail Caroline or Jenny at our customer service.

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

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Pipette Doctor
Our pipette calibration service, Pipette Doctor, performs calibration, maintenance and repair services to maintain the quality of your pipetting and extend the life of your pipettes. Pipette Doctor at Nordic Biolabs is accredited according to ISO 17025.

Version 1, January 2024

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

Ice-free sample preparation and freezing

Antisera, media, bacteria definition

Lab instruments with small footprints

Competent cells, enzymes, NGS kits etc

Labels, printers and spill protection

Aborbance readers with a small foot print

Cell culture media and serum

Portable CO2 incubator for live cell transport

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

Laboratory glassware like microscope slides, cover glasses, counting chambers

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

Freezers, Autoclaves and Incubators

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

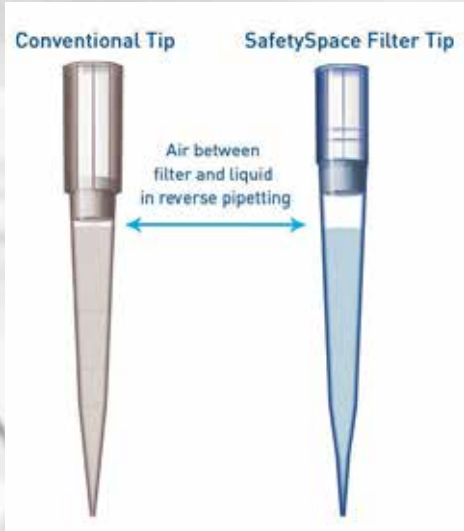
Lab furniture

Pipette tips

The pipette and tip form a system which defines the quality of results. Up to 50% of pipetting errors come from leaking or poorly fitting tips (according to ISO 8655). We recommend Optifit standard tips or SafetySpace filter tips when using Sartorius pipettes. These tips are also compatible with other pipette brands on the market.

Optifit tips (standard tips)
Sartorius Optifit tips are available in a wide range of packaging and purity options. The Optifit tips are packaged in single tray racks, refill towers, single refill packs, and bulk packages. Optifit tips are DNase, RNase and endotoxin free and are available as e-beam pre-sterilized.

Filter tips
The unique feature with SafetySpace Filter Tips is the additional space left between the sample and the filter that conventional filter tips do not have. This extra space prevents the liquid from touching, and permeating, the filter and thus guarantees the pipetting accuracy. Any liquid types and pipetting techniques can be applied without the risk of the liquid permeating the filter.



The unique feature with SafetySpace Filter Tips is the additional space left between the sample and the filter that conventional filter tips do not have.

Good environmental choice
By choosing Optifit tips in Refill pack, Refill Towers or FlexiBulk the environmental impact will be reduced.





Serological Pipettes

- Accurate volume
- Highly visible, bidirectional (ascending, descending)
- Single wrapped
- Volumes from 1-50 ml, color coded
- 25 and 50 ml pipettes from TPP comes in a convenient, stackable dispenser box





Pipette Boy

Turbo-Fix pipette boy from TPP - the strongest and fastest on the market and can also dispense dropwise.

Midi Plus pipette boy from Sartorius, Fold-out stand saves bench space when Midi Plus is not in use and keeps the pipette detached from the table surface to avoid contamination.

Sartorius Pipette Tips

Order at www.nordicbiolabs.se



Package			Optifit Tips Single Tray (10x96)	Refill Pack	Refill Tower (10x96 tips)	FlexiBulk	Standard Bulk	Safety Space Filter Tips, Single Tray (10x96)
Purity	**mm**		**DNase, RNase, endotoxin free**	**DNase, RNase, endotoxin free**				**DNase, RNase, endotoxin free**
0,1-10 µl	31,5	non-sterile	790010		790012		790014 (1000 tips)	790011F
		pre-sterilized	790011	790013 (20x96 tips)				
0,1-10 µl Extended	46	non-sterile	783210					
		pre-sterilized	783211					
0,5-20 µl	51	pre-sterilized						790021F
0,5-200 µl	51	non-sterile	790200		790202	LH-B790204 (960 tips)		
		pre-sterilized	790201	790203 (15x96 tips)				
2-120 µl	51	pre-sterilized						790101F
5-200 µl	52,5	pre-sterilized						790201F
5-300 µl	52,5	pre-sterilized						790301F
5-350 µl	54	non-sterile	790350	790353 (15x96 tips)	790352	LH-B790354 (960 tips)		
		pre-sterilized	790351					
10-1000 µl	71,5	non-sterile	791000	791002 (10x96 tips)		LH-B791004 (480 tips)		
		pre-sterilized	791001	791003 (10x96 tips)				
10-1000 µl wide bore	68,5	non-sterile	791020			LH-B791204 (480 tips)		
		pre-sterilized	791021					
50-1000 µl	78	pre-sterilized						791001F
50-1200 µl	90	pre-sterilized						791211F
50-1200 µl	71,5	non-sterile	791200	791202 (10x96 tips)		LH-B791204 (480 tips)		
		pre-sterilized	791201	791203 (10x96 tips)				
50-1200 µl	90	non-sterile	791210	791212 (10x96 tips)				
		pre-sterilized	791211	791213 (10x96 tips)				
100-5000 µl	150	non-sterile	780304 (50 tips)				780300 (100 tips) 780308 (1000 tips)	
		pre-sterilized	780305 (50 tips)					
1-10 ml	155	non-sterile					LH-780316 (250 tips)	

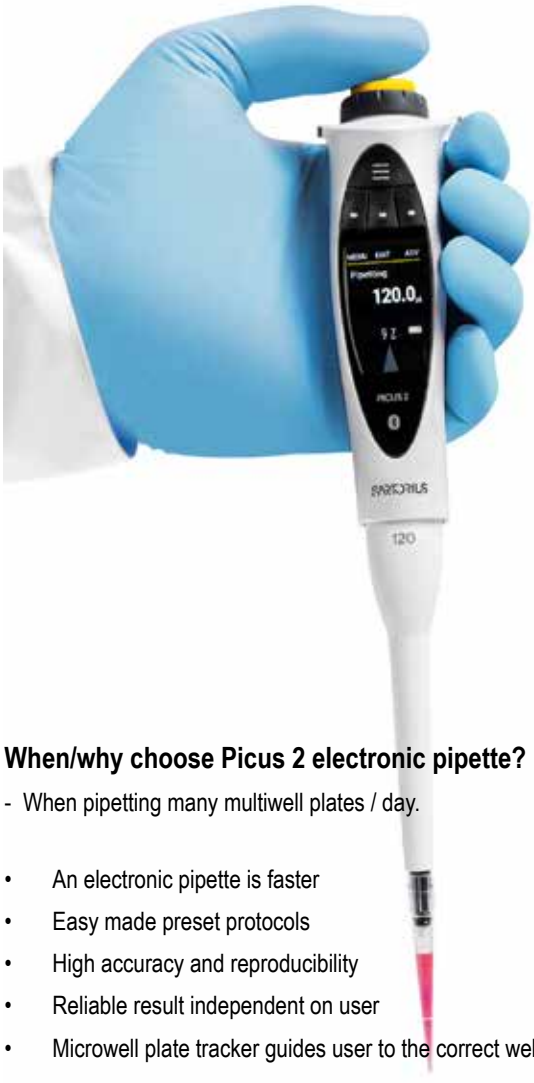
Why you should choose pipettes from Sartorius

- **The best ergonomic choice on the market** – short, light weight and comfortable handle design
  Short Picus 2[1]: 210 mm / Tacta[2] 225 mm
  Light weight Picus 2[1]: 100 g / Tacta[2] 79 g
- **Safe from contamination** - Can be used with Safe-Cone Filters to help prevent the risk of contamination, cost-effective when using standard tips

1) Picus 2: 1-channel 300 µl

2) Tacta : 1-channel 1000 µl

Picus 2 Electronical Pipette



When/why choose Picus 2 electronic pipette?

- When pipetting many multiwell plates / day.

- An electronic pipette is faster
- Easy made preset protocols
- High accuracy and reproducibility
- Reliable result independent on user
- Microwell plate tracker guides user to the correct wells

For the regulated laboratory:
- 2-level password protection for stored programs to prevent unauthorized changes
- Service and calibration reminders

Tacta Mechanical Pipette



When/why choose Tacta manual pipette

- When many pipettes are required and the budget is smaller or when the pipetting is more varied and not repetitive.

- Low pipetting and ejection force – reduces risk of Work Related Upper Limb Disorder (WRULD)

- Easy to clean and calibrate - only three parts to be disassembled for cleaning + can be autoclaved as-is without dissasembly

Use the right glove to protect yourself

By using only three different SHIELD Scientific gloves, you are properly protected at all types of laboratory work. With the right glove at the right time, you also keep the costs down. All gloves comply with the PPE (Personal Protection Equipment) regulation.

FOR WORKING WITH SOLVENTS, TOXIC & CORROSIVE SUBSTANCES



SHIELDskin CHEM NEO NITRILE 300

- Double layer (twinSHIELD) Nitrile and Neoprene
- Length: 300 mm; Thickness; 0.31 mm (Palm)
- Chemical performance: Type A
- Biological Protection: AQL 0.25, Level 3, Virus resistance
- Example chemical resistance: EtBr 5%: 480 min; Methanol 99,9%: 36 min

Description	XS/6	S/7	M/8	L/9	XL/10	XXL/11	Size
SHIELDskin CHEM Neo Nitrile 300	669251	669252	669253	669254	669255	669256	10x40

FOR WORK WHERE THERE IS RISK OF BIOLOGICAL & CHEMICAL BIOHAZARD



SHIELDskin ORANGE NITRILE 260 & 300

- Double layer (twinSHIELD) Nitrile and Neoprene
- Length: 260/300 mm; Thickness 0.14 mm (Palm)
- Chemical performance: Type B
- Biological Protection: AQL 0.25, Level 3, Virus resistance
- Accelerator-free
- Example chemical resistance: EtBr 5%: 480 min; Methanol 99,9%: 5 min; Acetone 99,8%: 7 min; Acetone 99,8%: 1 min

Description	XS/6	S/7	M/8	L/9	XL/10	Size
SHIELDskin™ Orange Nitrile™ 260 (260mm)	676231	676232	676233	676234	676235	10x90
SHIELDskin™ Orange Nitrile™ 300 (300mm)	676251	676252	676253	676254	676255	10x50

FOR ROUTINE WORK AT LAB



ecoSHIELD Nitrile 250

- Double layer (twinSHIELD) Nitrile
- Length: 250 mm; Thickness 0.1 mm (Palm)
- Chemical performance: Type B
- Biological Protection: AQL 0.25, Level 3, Virus resistance
- Gloves packaged in a recycled cardboard dispenser offering 150 gloves for safety, economic and ecological solution
- Example chemical resistance: EtBr 5%: 480 min; Methanol 99,9%: 0 min; Acetone 99,8%: 0 min

Description	XS/6	S/7	M/8	L/9	XL/10	Size
ecoSHIELDskin Eco Nitrile PF 250	625121	625122	625123	625124	625125	10x150



Cell culture dishes, plates and scrapers

Buy cell culture plastic from TPP - Swiss design and quality.

Cell culture dishes - the gripping ring prevents accidental dropping of the dish bottom
Filter system - squared for greater and faster filtration speed
Cell culture flasks - available with filters or VENT caps, lid or foil are available
Cell culture tubes - shaped to be placed under a microscope, can be spun in a centrifuge
Cell culture plates - perfect ventilation, no mist, grip-friendly, placement of the lid in one position only
Cell scrapers - available with rotating blades, blade angle changes with a slight pressure on the handle



- **Cams on the inside of the dish lid function as spacer and enable a constant movement of air and limit condensation.**
- **Numeric "clock" markings (12, 3, 6, 9) in the base of the dish divide it into quadrants for quick orientation.**



Reservoirs

- V-shaped well design – max reagent recovery
- Graduation marking with fill line on inner wall
- Drip free pour-off spouts in the corners for spill free pouring



Reservoirs Chiller

Ice-free, non-toxic way to extend working period and preserve integrity for temperature sensitive reagents

- Reagents are kept at less than 5°C for approximately 3 hours
- Assorted packs for color coding options
- Reusable, two year warranty
- Stackable



Cell culture - Classical Media, Serum free Media, Buffers, Supplements, Antibiotics and Serum

We have the full offering from Cytiva and Capricorn for cell culture work:



Medium - All classical liquid media like RPMI, DMEM, IMDM in 500 ml or 1000 ml bottles
For some formulations we also have larger sizes like 6-pack and bags

Serum free Media - for different cell types like CHO, HEK293, Hybridoma, Insect cells

Buffers and Balanced salt solutions - D-PBS, HEPES, different versions of water depending on the application it will be used for

Antibiotics - Penicillin/streptomycin etc

Supplements - Trypsin and nutrients

Serum - FBS, calf sera and FBS alternatives



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.



Cell Counters

Nexcelom´s product range accommodate researchers analyzing small cells, primary cells, and researchers looking to perform cell-based assays. Nexcelom's bright field **automated cell counters** are optimized to quickly, accurately and easily perform cell count, concentration and Trypan Blue viability measurements. Nexcelom's **fluorescent viability cell counters** take the bright field imaging systems to the next level with fixed single or dual fluorescent optic modules. Uses fluorescent stains to determine viability easily, without the need to perform RBC lysis. Image cytometry with bright field plus 2 to 4 fluorescent channels for simple cell-based assays with flow-like data output.

Automated Cell Culture Analyzer



BioProfile FLEX2 is an Automated Cell Culture Analyzer with Maintenance-Free MicroSensor Card Sensors for pH/Gas and metabolites, in combination with optical measurement for cell counting and freezing-point osmometry. Optional with ambr® 15 integration for fully automated analysis of small-volume culture system.

CO_2 incubator for cell culture







NuAire Laboratory **CO_2 incubators** are available as a direct heat (air jacket) or water jacket configuration 160-200 L, door heater, dual sterilization cycles, hypoxic, O_2-, CO_2-, humidity-, temp control, minimal vibration, closed loop HEPA filtration, copper interior and more. Robust and high quality.

From Biosan we offer a space saving incubator, 46L with a small footprint. Perfect for isolation of a cell line, DNA/RNA reaction analysis, hybridization reactions, synthesis of antibodies or target proteins and other molecules.

PHC Europé (PHCbi) offers CO_2 incubators at 50L, 160L,230L and 851L volume. They are available with direct heat (air jacket) or water jacket configuration, dual IR CO_2 sensor, InCu saFe® copper-enriched stainless steel interior, Safe Cell UV, electric door lock with password, H_2O_2 decontamination board and USB port.

Live cell transport – portable CO_2 incubator



Ensure ideal conditions for your cells.
We provide two device versions – the Cellbox Ground 2.0 and the Cellbox Flight 2.0.



The difference between these are the carbon dioxide source and conditioning system. The source of CO_2 impacts the operation period of the incubator so the ground version can be operated for more that 72 hours while the one for flight will need a refill of dry ice after 32 hours. Both can be fitted with a GPS, only the ground variant can be tracked at all times.

Lexogen - Products focused on RNA and complete transcriptome studies using next generation sequencing technologies

Product Overview

Sampling

SLAMseq for High-Throughput Kinetic RNA Sequencing

- » Explorer Modules
- » Kinetics Modules
- Analyze RNA synthesis and degradation (RNA kinetics) in a time-resolved manner.
- Combined with QuantSeq to gain novel insights into the control of gene expression.

RNA/DNA Defender Solution NEW

- Stabilize RNA and DNA in fresh tissue and cell culture samples.
- Postpone RNA or DNA extraction to when more convenient.
- Various storage options: one day at 37 °C, one week at room temperature, one month at 4 °C, or up to one year at -20 °C.

RNA Preparation

TraPR Small RNA Isolation

- Isolation of pure, functional sRNA.
- Fast and easy column-based purification.
- Species independent.

SPLIT RNA Extraction

- Extraction of high-quality, high-purity RNA from a wide range of biological samples, including cell culture, animal and plant tissue, and fluid samples.

RiboCop rRNA Depletion

- rRNA depletion (>99 %) at lowest cost, without off-target effects.
- Suitable for demanding downstream applications (e.g., NGS).
- Available for human, mouse, rat, bacteria and yeast. NEW
- Simultaneous rRNA and globin mRNA depletion for human, mouse, rat.

Poly(A) RNA Selection

- Highly specific poly(A) RNA enrichment.
- Rapid turnaround, automation-friendly, easy scaling.

NGS Library Prep

Expression Profiling

- » QuantSeq 3′ mRNA-Seq V2 with UDI NEW
- New and improved PCR system.
- » QuantSeq 3′ mRNA-Seq FWD and REV
- » QuantSeq-Pool Sample-Barcoded 3′ mRNA-Seq
- » QuantSeq-Flex Targeted RNA-Seq
- Cost-efficient gene expression profiling - including low-input, low-quality, and blood samples.
- Unique Molecular Identifiers (UMIs).
- Up to 384 Unique Dual Indices (UDI).
- Easily scalable to 36,864 samples for large screening projects.
- » LUTHOR 3′ mRNA-Seq
- True single-cell expression profiling.
- High resolution for ultra-low input.

Whole Transcriptome

- » CORALL RNA-Seq V2 NEW
- Fragmentation-free library size adjustment. NEW
- Uniform transcript coverage.
- UMIs included.
- UDIs included.
- Fast (4.5 h) and easy protocol.
- » CORALL mRNA-Seq V2 NEW
- » CORALL Total RNA-Seq V2 NEW

Small RNA-Seq

- User-friendly workflow, high level of multiplexing (up to 96 unique I7 indices included).
- Optimized for low RNA content samples such as plasma, serum, and urine.

NGS Data Analysis

Demultiplexing and Index Error Correction Tool

QuantSeq Data Analysis

- Automated, in-house data analysis pipeline, including SLAMdunk for SLAMseq data analysis.
- User-friendly, streamlined data analysis.

CORALL Data Analysis

Automated, in-house data analysis pipeline.

- Uses Mix² for accurate transcript abundance estimation.
- User-friendly, streamlined data analysis.

Mix² RNA-Seq Data Analysis Software

- Accurate estimation of isoform concentration with best quantity, quality, and accuracy measures.
- Fast and small memory footprint.
- Identification of positional biases in RNA-Seq data.

cDNA Preparation

TeloPrime Full-Length cDNA Amplification

- Best 5′ cap specificity for full-length cDNA generation.
- Preservation of short and long RNA molecules, suitable for long-read sequencing (e.g. PacBio™ and Oxford Nanopore™).

NGS Controls

Spike-In RNA Controls

- » SIRV-Set 1 (Iso Mix E0, E1, E2)
- » SIRV-Set 2 (Iso Mix E0)
- » SIRV-Set 3 (Iso Mix E0 / ERCC)
- » SIRV-Set 4 (Iso Mix E0 / ERCC / long SIRVs)
- Comprehensive design - isoform and abundance complexity.
- Validate, monitor, and compare RNA-Seq experiments and pipelines.

SIRV Suite Spike-In Analysis Software

- Design and evaluate your SIRV experiment, derive RNA-Seq quality measures and compare experiments.

Lexogen NGS Services

Library Preparation

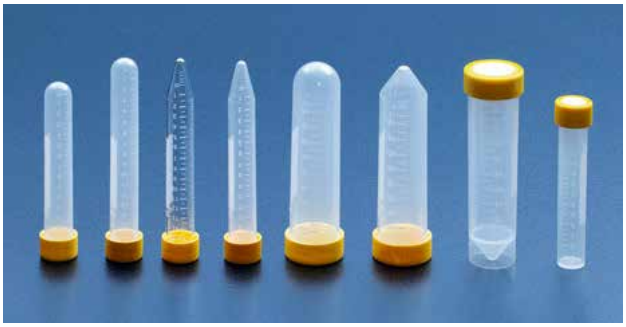
- Flexible options from nucleic acid extraction to data analysis.
- Library preparation solutions tailored to your needs.
- Focus on highest quality data and reproducibility using internal standard controls.
- Excel with low-input and low-quality samples.

Automation and Sequencing

- Automated liquid handling for high-throughput projects.
- From tens to thousands of samples.
- Flexible sequencing platforms, read mode and depth options.

Data Analysis

- Fully integrated data analysis pipelines.
- Data analysis report including standard metrics, and (differential) gene expression.
- Custom design data analyses available.







Tubes for centrifugation and storage

We highly recommend our sterile c-tubes 13-50 ml. TPP processes only the highest grade of virgin raw material that fulfill the requirements of USP Class VI. No additives, slip agents, biocides or plasticisers are employed. This prevents leaching of substances into the samples in the tubes.

- White writing circle, affixed on the screw cap, for easy labeling
- Caps that cannot be over-tightened
- Gas and aerosol tight cap
- Graduations all the way down to 0.1 ml / 0.5 ml respectively
- Convenient racks available that are autoclavable and are collapsible for storage when not in use

Tubes with 2D-code and scanner for easy and traceable storage

A wide range of tubes for sample volumes from 190 µl to 6 ml which can be closed with screw caps (external or internal) or push caps. The tubes are stored in racks having a SBS-standard format equivalent to the footprint of a microtiter plate, giving room to up to 96 tubes in one plate. The height will be as low as possible for the given volume which gives a very space saving storage system compared to for example cryo tubes in cardboard boxes. Tubes can be purchased with or without an etched code in the bottom and come in bulk packages or racked.



Tubes: Choose no code, alpha numeric code or 2D code for better traceability.



Micronic offers a broad range of sample storage tubes.



Push caps in capmat for sealing 96 tubes individually is perfect down to -80°C For cryogenic storage use screw caps for tightest possible seal. Caps available in 12 different colours.

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Code readers range from single tube scanners to whole rack scanners for 24-, 48- and 96-well format tubes.

Fridges, freezers and racks



Basic, sparkfree and low temperature freezers from 37L up to 828 L. Our range of low weight versions can go through all standard doors and are manufactured in Denmark, which means shorter transports and a better choice for the environment.

Chest ULT -86°C ranging from 74L up to 420L.



Upright ULT -86°C freezers available from small bench version (37L) up to larger (845L) floor standing unit including slimer versions taking less space. For user looking for higher level of sample security we have ULT freezers with two independent refrigeration. Should one system unexpectedly fail, the other will maintain a temperature in the -70ºC range ensuring that the integrity of irreplaceable samples are not put at risk.



Cryogenic ULT -150°C freezers available in sizes 128L and 231L.

Sparkfree fridges and freezer - where all possible sources of ignition, such as the thermostat are removed from the inside of the fridge so there is no spark internally that could ignite flammable substances or vapours.



Sparkfree ATEX fridges and freezer - designed with an interior licensed as a Zone hazardous area under 2014/34/EU (ATEX Directive) in order to store products which are classed in explosion group IIB+H2 and temperature class T6 under 2014/34/EU (ATEX Directive).

Pharmacy fridges are also available in different sizes and models with glass or solid door.

Storage racks for ULT - Use the ULT freezer space in an efficient way for a better traceability of your samples but also to save as little dead space as possible, caring more for the environment. We can configure your specific freezer make and model with one or several different racks depending on you needs.



Printer, ribbons and labels



BRADY printers come in portable and stationary models with software including label templates for vials, slides, barcodes, serial labels and more.



BRADY labels are available in different materials, sizes, colours, shapes and layouts depending on your needs.

- The *499* series are nylon cloth labels that can be used when you are freezing and autoclaving you samples or labware
- The *498* series are repositionable vinyl cloth labels that are easy to remove and withstand freezing
- The *403* series are made of dissolvable paper tape
- The *595* series are indoor/outdoor vinyl tape labels that are firmly attached to surfaces

Ribbons are available in different colours.

Sample handling products for desalting, concentrating, buffer exchange and filtration



Vivaspin® centrifugal concentrators

The Vivaspin® centrifugal concentrators are available with different membrane materials PES, RC (Regenerated Cellulose), Hydrosart (modified regenerated cellulose membrane), MWCO, sample capacities and process control methods, to suit all target molecule types.

To find the device that suits your needs consider three critical aspects of selection: target molecule type, target size and sample volume. Due to the variations within protein, membrane and inorganic chemistry, we always recommend establishing the most suitable device for your application as part of a robust process optimization strategy.

Make use of our selection guide found on our webpage - www.nordicbiolabs.se / Downloads / Catalogues - Sartorius - Choose the best device for each lab ultrafiltration application



Minisart Syringe Filters

Depending on the sample composition and if the sample is an aqueous solution or a solvent you can choose the most suitable filters: PES, Cellulosa Acetate (CA), Regenerated Cellulose (RC), Nylon (NY), Polytetrafluoroethylene (PTFE). The different pore sizes are recommended based on if you are doing sterile filtration, sample preparation/clarification/particle removal or prefiltration. Filter units dimensions are available for sample sized from 0.05 ml up to 200 ml.

Make use of our selection guide found on our webpage
www.nordicbiolabs.se / Downloads / Catalogues - Sartorius - Syringe Filters — Sartorius Minisart® Selection Guide



Centrifuges

Minicentrifuges to be used for spinning down samples in tubes or PCR-plates at lower speed but also more advanced versions with speed rates up to 15 000 rpm (21 380 RCF), ventilated or refrigerated.

Bench Top and floorstanding centrifuges, ventilated and refrigerated, with swing out or fixed angle rotors for different tube sizes.



Safety benches

NuAire manufactures NSF/ANSI 49, and EN12469 **certified Class I and Class II Biosafety Cabinets** (BSCs) that provide personnel, product, and environmental protection through the use of laminar air flow and HEPA filtration when looking to obtain optimum control over product quality while reducing the potential for exposure. We offer a range of ergonomically designed bench top and console models that can either be recirculated back into the laboratory environment or into a facility exhaust system through the duct work. Ultra-high efficiency motor to maximize filter life and monolithic silicone-free construction for long product life all for an affordable price.



Shaker

Shakers, rockers and rotators come in all sizes for tubes, flasks, plates and boxes. They can be very simple or programmable with intuitive software. They all have multiple choice of platforms.











Instruments for ELISA plates

Absorbance plate readers - Affordable filter-based models with defined wavelengths. Monochromator-based plate reader for more flexibility with shaking and temperature control up to 45°C allows kinetic assays at ambient and physiological temperature.

Luminescens readers - dedicated instruments with or without injectors for 96- and 384-well plates.

Multimode readers gives the option to have a combined instrument for absorbance, fluorescence and/or luminescence.

Plate Washer for an entire plate or one row at a time or the simpler vacuum aspiration systems.

Thermo Shakers for shaking 1 to 4 plates at a time and shakers without heating.





Spectrophotometers, Nanoreaders and Densitometers

Spectrophotometers reading 200-900 nm with heating ability.

Nanophotometers for volumes down to 0,3 ul reading range 200-900 nm. For high throughput the N120 can measure 12 samples in parallel in only 20 s, sample volume 2-3 ul.

OD 600 densitometer for measuring bacterial culture.



Cuvettes

Cuvettes - Wavelengths from 0.01mm to 100mm and for samples size volumes from 0.6ul to 35ml. Can be used for measuring Far UV & NIR and come in different material like Quartz Glass & Borosilicate.

Certified Reference Standards (CRM) – For all wavelengths, from Deep UV to Mid Infrared, for Fluorescence, Life Science and Micro-volume applications. The liquid and vapour references are per-manently heat sealed into Starna cuvettes for stability, safety and durability.



We offer the full range of products from Promega

The products cover:

Cell Biology groups: Bioassays, Cell Health, Cell line & Sample Identification, Cell Signaling, Energy Metabolism, Luciferase Assays.
Product examples: *Dual-Luciferase Reporter Assay systems and CellTiter-Glo Luminescent Cell Vialbility Assays are two of the most popular products in the portfolio along with the FuGENE Transfection Reagents. The later is available for siRNA, difficult to transfect cells but also challenging and routine mammalian cell lines.*

Nucleic Acid Analysis groups: Cloning & DNA Markers, Epigenetics, Nucleic Acid Extraction, PCR, PCR Analysis, Sequencing, Vectors.
Product examples: *Wizard Genomic DNA kit provides a simple, solution-based method for isolation of DNA from white blood cells, tissue culture cells, animal tissue, plant tissue, yeast and Gram-positive and Gram-negative bacteria.*

Protein Analysis groups: Immunoassays, Mass Spectrometry, Protein Detection, Protein, Protein Expression, Protein Interactions and Protein Purification.
Product examples: *Mass Spec enzymes: Trypsin is one of the most widely used protease in mass spectrometry and Promega offers modified high quality versions depending on your needs. Along with other proteases like Lys-C, Arg-C and much more.*

DNA/RNA bench-top UV-cleaner box

DNA/RNA bench-top UV-cleaner box is designed for safe handling of DNA samples. In this way you only need a small bench space instead of a whole lab to protect your samples from contamination. Choose between two different sizes and different materials.

PDS-250 is a ready-to-use spray for eliminating DNA and RNA from surfaces.





Homogenizer

The FastPrep-24™ Classic and 5G Instrument are high-speed benchtop homogenizers offering the ultimate in speed and performance for the lysis of biological samples. Simultaneous homogenization of up to 24 samples takes place within 40 seconds.

Combine the FastPrep with MPs **Lysing Matrix** for easy processing of your cells, tissues, environmental samples, insects, and worms. The beads come in a variety of bead sizes, shapes, and compositions to ensure complete homogenization, and the pre-loaded tubes deliver reproducible sample preparation from day-to-day and sample-to-sample. All bead beating tubes are certified DNAse- and RNAse-free and are standard sizes that fit just about any homogenizer on the market.

Cell disruptor

The EpiShear Probe Sonicator from Active Motif is a compact unit that is capable of processing samples from 500 µl to 15 ml (other sizes of microtips are available, which enable the unit to be used with samples from 200 µl up to 50 ml). Key features of the unit are the ability to vary the amplitude of power delivered and to deliver the power in a pulse mode.

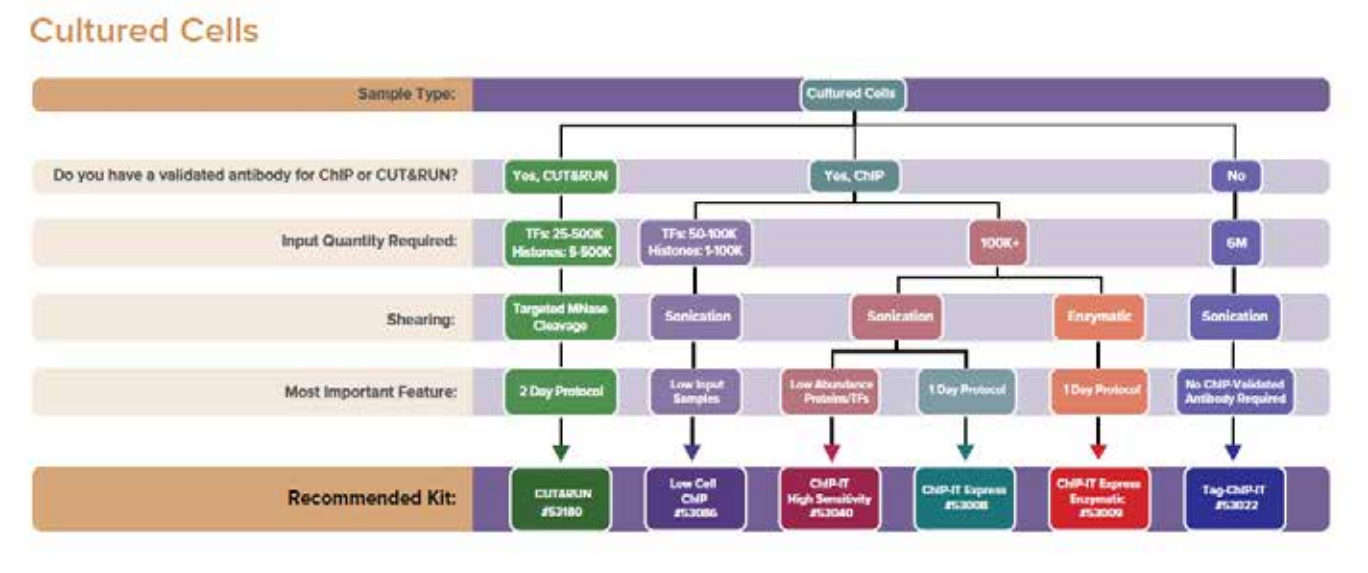


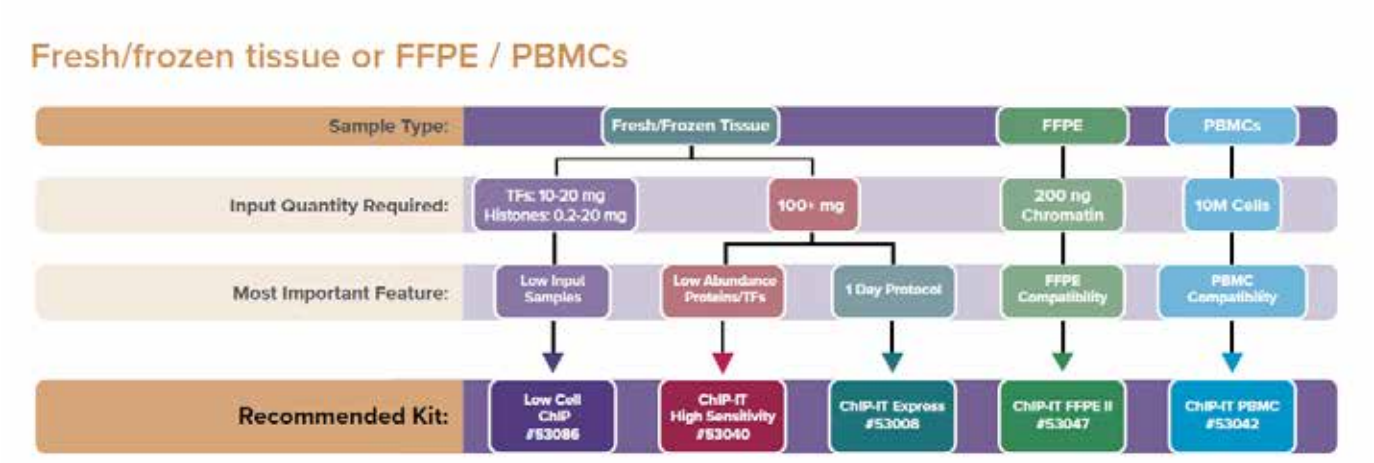
Epigenetics

Chip kit selection guide

Working with ChIP? To give an easy overview on our offering and how to select the best kit this is summarized:

What is your starting material?





Epigenetic Services - offered by Active Motif

As an example Mod Spec® is a mass spectrometry based assay that provides relative abundance of over 60 different histones. Mod Spec® is a great starting point to determine if epigenetic changes are occurring in response to disease or treatment.
Submit your cell pellets or tissue and Active Motif will perform histone extractions, sample preparation, and mass spectrometry. All samples are run in triplicate and data are presented in an easy to understand format. Data delivery typically occurs within 4 - 6 weeks of sample submission.

Sample collection

Multipurpose collection and transport system

Copan Liquid Amies Elution Swab (eSwab®) Collection and Transport System is our multipurpose media intended for the collection and transport of clinical specimens containing aerobes, anaerobes, fastidious bacteria, viruses and Chlamydia. The FLOQSwabs® used for the sampling ensure a quick, capillarity-driven sample uptake and a superior elution of the biological specimen. They are available in variable sizes, diameters, breaking points and tip shapes to be used in plenty of applications.



Urine collection and stabilizaton

UriSponge® - a device for urine specimen collection, transport, and preservation from the sampling site to the testing laboratory.



Stool Collection and DNA stabilization

Stool Collection Tubes with a spoon integrated designed for ease of use and optimal maintainance of sample integrity. The Collection Tube is prefilled with 8 ml of Stool DNA Stabilizer which allows for transport and storage of the sample at room temperature for 3 months – so no cold chain required. The α - diversity the equivalent to direct freezing of samples.





Saliva Collection and DNA stabilization

SalivaGene Collector contains a freeze-dried buffer that stabilizes genomic and bacterial DNA for 12 months at room temperature. The moisture of the sample dissolves the buffer and activates the DNA stabilizing properties. The SalivaGene Collector is designed to be user-friendly, with clear instructions and simple, intuitive, and non-invasive sample collection. Approx. 2 ml of saliva must be given per sample.



Vortex, mixer

We offer a range of **vortexes and mixers** from Biosan and Heathrow Scientific. From a small footprint with one tube to multi speed vortex with different platforms and LCD-screen.



Balances

A wide selection of ultramicro, micro, analytical and precision balances that allows you to choose any entry-level to high-performance balance.



Entris® II Standard Balances - for reproducible and reliable weighing results. Comes in two product lines, Advanced and Essential line, which helps you to find the right balance for your weighing needs. Available with an integrated automatic internal or an external adjustment function.

Practum® Standard Balances - best value for your money. Used for standard applications in the lab. Available with a high quality external calibration weight including a calibration certificate.

Quintix® Standard Balances - with fully automatic internal adjustment, direct data transfer, ergonomic style and a touchscreen user interface with built-in application programs.

Secura® Standard Balances - accurate weighing results and operating convenience.
Comes with a built-in protection system, real-time guidance support and automatic internal adjustment function.

Cubis® II Premium Laboratory Balances - a modular design enabling you to combine your choice of hardware, software and connectivity. It offers modern user interfaces, pharmaceutical and GxP compliance, including data handling, data integrity and connectivity.

Water bath

Waterbaths comes in all sizes, stirred/non stirred, refridgerated/heating, basic/digital.



Magnetic stirrer

Magnetic stirrers from Biosan and Paul Marienfeld comes in different sizes, with or without heating, anchor-, paddle-, centrifugation stirrer and much more.



Other instruments / Miscellaneous

More **instruments and devices** are found in our portfolio and you find them on our webpage: www.nordicbiolabs.se / instruments.

Water purifiers, dry-block thermostats and much more.



Chromatography products

Sample preparation



Solid Phase Extraction (SPE) Cartridges
Finisterre™ line of Solid Phase Extraction columns for a fast and efficient sample clean-up and concentration prior to analysis through GC, HPLC, and/or other instrumental methods.



QuEChERS
QuEChERS for EN 15662 and AOAC 2007.1 methods.



Syringe Filters
Syringe filters in multiple pore sizes and dimensions.



Vials
Vials for LC and GC with screw, snap or crimp caps. Screw top vials for different brands of automated injectors. Certified vials for MS.

Gas Chromatography (GC)



Accessories
Accessories such as Septa, liners, ferrules and gas purifiers.



GC Columns
GC Columns in many ”flavours” both for general use and for specific applications from Teknokroma and Orochem.

Liquid Chromatography (LC)



Columns
LC-Columns from Teknokroma and Orochem.



Micro-LC
Portable Micro-LC from Axcend. UV-Absorption-based capillary HPLC that breaks the mold for traditional high-performance liquid chromatography systems. Saves you solvent, time and waste.



Accessories
Diverse range of accessories such as solvent filtration products, tubing, fittings, etc.





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
- **Customized production of sterile disposables for cleanrooms**

Ethanol and surface desinfection from Kiilto

DAX Ytdesinfektion 70 is a ready-to-use solution based on ethanol plus three additional alcohols. It works quickly and evaporates without leaving traces on the treated surface.

For very dirty surfaces the version called **DAX Ytdesinfektion 70+** has an added tenside so the surface does not need to be pretreated and there is no need of rinsing afterwards.

Technical Spirits - If you are looking for technical spirits, we offer this with alcohol content from 70% to 99.9% and available in both 1000 ml and 5000 ml packages. These products are originally from Kemetyl (now Kiilto)









Spill Protection

Spill protection products that absorb and/or prevent a spill from spreading minimizes the risk of injury and contamination in your laboratory. These are available in different materials and shapes: Pre-cut sheets or Sheets on a roll, Absorbent snakes/flexible tubes that can be wrapped around corners and adapt to uneven surfaces. Pads for use under machinery that have a tendency to drip or leak, granules of small, loose particles where a sheet or roll does not fit, for example in cracks and crevices.

Laboratory furniture

Versatile furniture solutions for various laboratory, hospital and research environments including fume hoods and extraction equipment, microbiological safety cabinets, chemical and safety cabinets that meet the requirements, stainless steel furniture and ergonomic office chairs.

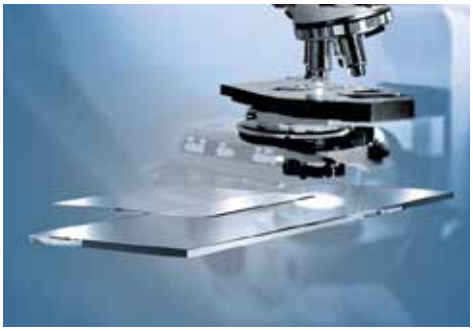
In addition to the standard collection we can offer furniture according to the customer's wishes.



Quality glass ware

Over 100 years in developing and producing laboratory glassware like microscope slides, cover glass, counting chambers, capillary tubes, laboratory containers and volumetric glassware. The brand Marienfeld Superior has become a synonym for quality and reliability.

- **Microscope slides** – Made of soda lime glass with thickness of around 1 mm, with or without marking area
- **Adhesive microscope slides** – Suitable for immunohistochemistry and in situ hybridization. Binds tissue adhesively with their positive charge
- **Cover glass** – Square, rectangular or circular in different sizes and thickness
- **Glass pipettes and cylinders** – Other volumetric instruments
- **Laboratory containers** – Beakers, flasks, bottles and much more



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