NORDIC BIOLABS PRESENTS

News and offers

3/2022

New UV-visible spectrophotometry fits in the palm of your hand

Reading up to 5OD, the Absorbance One pushes the limits of dynamic range - all while fitting into your pocket. Powered by a single USB cable, it enables a tailored, decentralized workflow for every laboratory, workstation, or field team.

Sounds like magic? Book a demo and see for yourself.
Contact Charlotte Otéma - charlotte.otema@nordicbiolabs.se



Connection to computer: USB
Dimensions: 33 mm x Ø 64 mm
Weight: 150 g

The Absorbance One comes with one dedicated wavelength.
State your required wavelength when ordering:
260, 280, 340 or any wavelength between 400 and 1000 nm.

nordic biolabs

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

ULT Freezers and racks

NEW!



Compact personal freezer - perfect for the small space

Benchtop freezer ULT U35
Uses Eco-friendly, HCFC-free Nature Refrigerant

(WxDxH): 630 x 675 x 650 mm
Storage capacity: 33 boxes (50 mm height), 3300 vials (2ml)
Weight: 59 kg
Volume: 37 L

Right now! 48 300 SEK
Art no: N123000
List price: 63 800 SEK



HC

Blizzard Ultralow Temperature Freezers utilize non-toxic hydro-carbon (HC) refrigerants that are eco-friendly alternatives to CFC, HCFC, and HFC fluorocarbons, which are linked to ozone layer damage.

Large capcity Uppright freezer

Upright 828 L -86°C Freezer

WxDxH: 1145 x 980 x 1980 mm
Capacity: 600 cryo boxes

Right now! 114 999 SEK
Art no: NU-99828JE-N
List price: 157 665 SEK





Racks for all freezers on the market

A complete range of racks for all brands of upright and chest freezers for storing cryo boxes or other types of boxes.
Choose;

- **Eco AluRack** when you need a less costly alternative
- **Standard Steel** for best price/quality
- **Comfort Steel** if you want to place the boxes in drawers for increased flexibility and reduced operating weight

Contact us and we will help you find the right solution for your lab.

NORDIC LAB NUAIRE TENAK

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All prices are ex VAT. Please refer to the campaign in order to get the right price when ordering.

Verify and log correct temperature in your ULT freezer



Low-temp thermometer and probe.

- Smart-Alarm™ with visual/audible alarm continues to alert even if the unit returns to nonalarm conditions
- Triple-display—shows high, low, and current temperature simultaneously
- Includes NIST-Traceable certificate from our A2LA accredited (1750.01) calibration laboratory

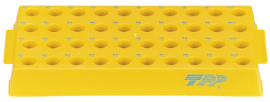
Memory-Loc™ Datalogging Low-Temp Thermometer with Calibration; 1 Stainless Steel Probe

Right now! 2 500 SEK

Art no: 98768-55

Cole-Parmer
an antylia scientific company

Cryo Tubes for storage down to -196°C





Cryo tubes in polypropylene with and star foot.
Screw caps with external thread reduce the risk of contamination and cross-contamination.
The tube is self-standing and graduated with a large writing surface.

Art nb	Description	Volume max (ml)	Volume recom. (ml)	Dimensions (mm)	Listprice SEK
89012	Cryo tube 1,2 ml (800 pcs)	0,9	0,7	12 x 37	2 987
89020	Cryo tube 2,0 ml (800 pcs)	1,5	1,3	12 x 48	3 077
89040	Cryo tube 3,8 ml (400 pcs)	3,5	3,3	12 x 75	1 726
89050	Cryo tube 4,5 ml (500 pcs)	4,5	4,3	12 x 90	1 782
99016	Universal rack, 40 tubes (12 pcs)			209 x 109 x 24	1 816

CryoBoxes - easy to open/close even when frozen



The cryoboxes have hinged lid fastened to the base.

Dimensions: 13,3 x 13,3 x 5,1 cm
Storage Capacity: 81 cryogenic vials (1,0 or 2,0 ml) or microtubes

For 3,0 or 5,0 ml tubes a higher cryobox is available.
We also offer a version with drain holes for storage in vapor phase LN2

biocision

Art no	Description	Listprice SEK
BCS-206X*	Hinged CryoBox for 1-2 ml vials/tubes, 5 pack	483
BCS-207X*	Hinged CryoBox for 1-2 ml vials/tubes, 50 pack	4 198

**X: Choose your favourite colour on the box. Replace X with the letter of your choosen color. - PK=Pink, G=Green, B=Blue, O=Orange, P=Purple, MC=Mixed*

Make sure your sample labels stay in place in the – 80°C freezer

By choosing labels made of the correct material you can make sure they do not fall off even at very low temperature. The labels can be applied in room temperature or on already frozen samples.



Label material – nylon cloth – the material of choice at low temperature.

Label Dimensions [mm]	Suitable sample containers	Label for Printer M611 Article no. / Qty per Pack	Label for Printer BBP12 Article no. / Qty per Pack	Label for Printer i3300 Article no. / Qty per Pack
22.86 x 12.7	vials/tubes	062257 / 500	116368 / 1500	142995 / 1500
25.4 x 9.5	vials/tubes	018506 / 500	116379 / 1500	143017 / 1500
25.4 x 9.53 + D9.53	vials/tubes	011211 / 500	142076 / 1500	143001 / 1500
38.1 x 25.4	boxes/bottles	018503 / 500	116376 / 1500	142997 / 1500



Mobile printer
The Brady M611 is a smartphone operated printer that also can design complex labels with 1D and 2D codes and barcodes, serialise, use an extensive image library, include text, a time stamp and even data from the cloud using the Brady Workstation Mobile Express Labels app.
Art no. 306858



Bench printer
The BBP®12 Label Printer is a compact high-speed bench printer with an extended list of labelling options and at the same time simple and user-friendly. Can also print basic label types - saving costs, reducing downtime, and simplifying your labelling. Ships with the Brady Workstation Laboratory Suite - a selection of label design apps to identify any laboratory sample container.
Art no. 306866



Bench printer with Smart-Cell*
The Brady Printer i3300 Industrial Label printer. Foolproof drop-in label rolls and ribbons snap into place in 20 seconds without the need for calibration, resulting in no wasted blank labels, thanks to the Smart-Cell technology. Ships with the Brady Workstation Laboratory Suite - a selection of label design apps to identify any laboratory sample container.
Art no. 241130

Smart-Cell Technology
Printer parameters is automatically transferred to the printer via a chip in the label roll - size, label material, correct printing temperature, suitable font size etc.
This means no need to adjust the printer manually and the printing can start without any error message or waste of labels.

BRADY

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Want to start using 2D coded tubes for sample storage?

The Micronic Sample Storage Starter Pack contain 2D coded tubes with screw or push caps, scanners, and manual or electric (de)cappers.

- Save up to 20% compared to buying the products individually
- Enables labs to start storing and sealing up to 4,000 samples
- Available with 0.75ml, 1.00ml, 1.40ml, 3.00ml, 3.50ml or 4.00ml tubes
- Ideal and convenient to different lab sizes and needs
- Class 7 clean-room production
- DNase/RNase and Pyrogene free

Example

Starter Pack BASIC with screw caps contains

- Rack with 0.75 och 1.4 ml tubes (10 racks =960 tubes)
- Screw caps Internal thread (960 caps)
- MP55128 Micronic Tube Reader DT510
- MP55128 Micronic Tube Reader DT510
- MP54004 Manual Screw Cap remover

Starter Pack Basic is also available with Push caps.



MICRONIC
INNOVATION IN SAMPLE STORAGE

Precision cover glasses for high-performance

The quality of the cover glass has a crucial impact on the imaging quality. Variations of thickness can reduce the image contrast and result in image defects, most notably in spherical aberration. The high-precision cover glasses have an exceptionally accurate thickness of 170 µm ± 5 µm. Highly recommended for objectives with high numerical aperture and high resolution

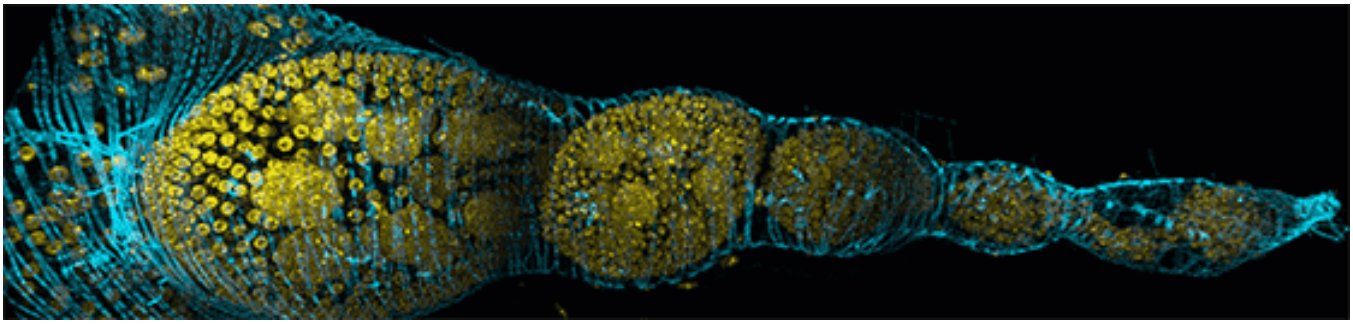
- Absolutely colourless, perfectly clear, optimal for fluorescence microscopy
- Thickness No. 1.5H (0.170 mm ± 0.005 mm)
- Chemically resistant borosilicate glass D 263® M of the 1st hydrolytic class
- Compliant with DIN ISO 8255, for applications according to IVD directive 98/79/EC, CE-marked

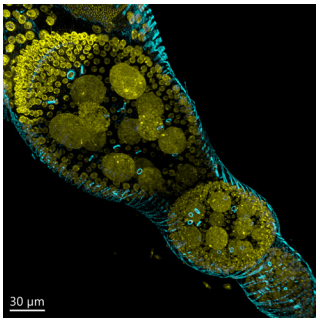


Need any other size, slide type or cover glass? Contact us: peter.simon@nordicbiolabs.se.

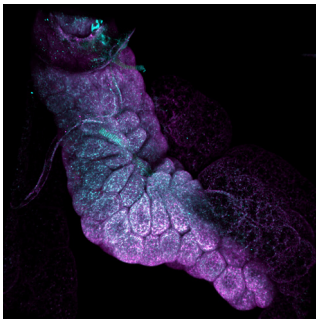
SUPERIOR MARIENFELD
LABORATORY GLASSWARE

Art no	Description	Size	Listprice SEK	Right now! SEK
0107222	Precision cover glass 1.5H 24x50mm, Hinged lid box	20x100 pcs/pack	5 391	4 043











New supplier

BC43 – ANDOR'S NEW BENCHTOP CONFOCAL

A big deal in a small box

High-quality and Hassle-free 2D/3D Imaging for Busy Researchers – Andor's new push-button confocal microscope will bring instant clarity and depth to your research, whatever your sample, in ways previously only found in much larger, more expensive and complex imaging systems.



BC43 is a powerful confocal that captures stunning images, yet it is super-compact and remarkably easy to use.

This allows researchers to save time and become more productive, without compromising performance or results.



Key Features

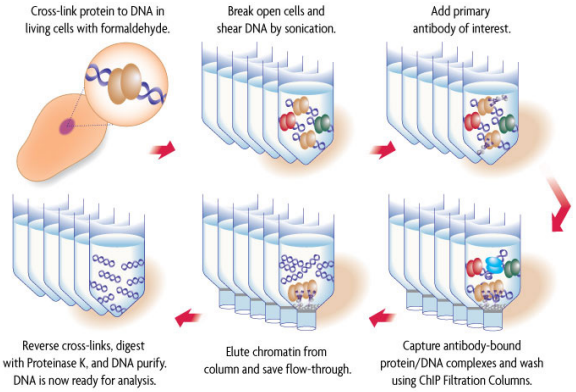
- **Plug and play:** Start imaging in minutes
- Vivid 3D images in an instant
- **Small in size:** Use in a regular lab, on a regular bench
- **Big in performance:** Handles challenging experiments, including thick samples, with ease
- **Flexible:** A routine imaging system from brightfield to confocal
- **Light-tight lid:** No need for a darkroom

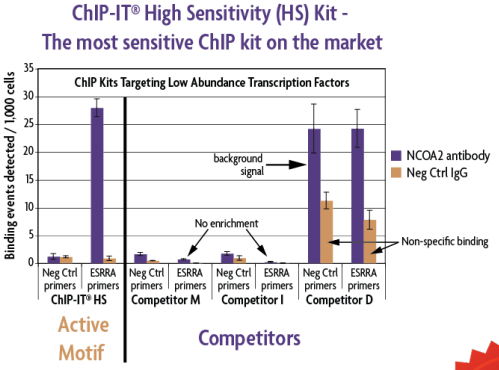
WxDxH: 505 x 633,3 x 448,3 mm

For more information and demo, please contact Peter Simon peter.simon@nordicbiolabs.se.

OXFORD INSTRUMENTS ANDOR

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20% discount on mentioned art no.

ChIP for limited sample material and low abundance target proteins

Art no. 53040-AF - ChIP-IT High Sensitivity®

- Ideal for low abundance/affinity transcription factors (TFs) or antibodies
- Most sensitive available – enrichment of DNA: 1.000 cells for high abundance target and 50.000 cells for low abundance TF
- Optimized reagents reduce background of non-specific binding
- Faster, more consistent, easier – filtration-based washes perform better than magnetic capture
- Validated robust procedure across multiple sample types with proven performance in both qPCR and ChIP-Seq analysis

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Complete ChIP-Seq workflow from limited cell numbers

Art no. 53084-AF - Low Cell ChIP-Seq Kit

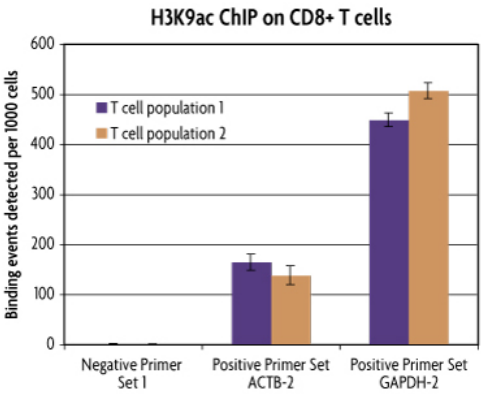
- Reproducible ChIP-Seq data from 1.000 cells – detect for histone modifications or transcription factors
- Complete, includes: chromatin prep, immunoprecipitation, Illumina-compatible NGS library prep reagents, optimized for low cell numbers
- Improve signal-to-noise ratio, better peak calling, lower background – optimized blocking reagents and optimized protocol
- Increase the number of unique alignments – molecular identifiers (MIDs) are incorporated within the P5 adapter for retention of fragmentation duplicates and removal of PCR duplicates
- Multiplex up to 16 samples on the same sequencing flow cell

Target Protein	Example	Minimum Cell Numbers
Robust Histone modifications	H3K4me3, H3K27me3, H3K4me1	1,000 cells
Less robust histone modifications	H3K27ac, H3K9ac, H3K9me3	5,000 cells
Abundant chromatin-binding proteins	CTCF, BRD4	10,000 cells
Low abundance proteins	Transcription factors	50,000 cells

Perform ChIP on difficult-to-lyse PBMCs

Art no. 53042-AF - ChIP-IT® PBMC

- Quality chromatin from PBMCs – Including T & B lymphocytes, dendritic cells and monocytes
- Sensitive enrichment of DNA from nanogram quantities of chromatin
- Improved signal and minimized background – optimized reagents from the ChIP-IT High Sensitivity Kit
- Faster, more consistent, easier – filtration-based washes perform better than magnetic capture
- Highly robust procedure – validated in both qPCR and ChIP-Seq



ChIP-Validated Antibodies

Use ChIP-validated antibodies for optimal results

- Antibodies verified to function in chromatin immunoprecipitation

The Promo Code *ChIPSpring22* must be used on all orders to take advantage of the extra discount

ACTIVE MOTIF®
Tools to Analyze Nuclear Function

Protein crash plate and protein precipitation

New supplier



We continue to expand our portfolio of Chromatography products. Orochem is specialized on bioanalytical sample preparation and analysis with products like protein crash and precipitation plates but also offers columns and much more.

- Filtration Sample Preparation
- Protein Crash Plate and Protein Precipitation Plate
- Phospholipid Depletion
- MatriKleen Extraction
- Supported Liquid - Liquid Extraction
- Solid Phase Extraction
- Vitamin D Metabolites Extraction Plate
- Special Plate for Synthesis Macromolecule

OROCHEM
Molecular Purification by Design

Art no	Description	Pkg	Right now! SEK
OC2100	Orochem 2000 PP Filter plate 2mL 20um	1/pack	1 175
OC2100-10	Orochem 2000 PP Filter plate 2mL 20um	10/pack	11 750
OF1100	Oro-Flex PP Filter plate 0,7mL 10um	24/pack	5 670
OF1100-07PE	Oro-Flex PP Filter plate 0,7mL 7um	24/pack	5 670

Smart and portable LC

New supplier



The Axcend Focus LC® is a fully portable, high-performance liquid chromatography system that can be hand-carried anywhere and used on-the-spot: within a laboratory, inside a glove box, on a scientist's desk, on a manufacturing line, and even in the field.

- The LC comes with build in optical detector (UV or DAD) and the opportunity to connect to preferred MS.
- Chose a solution where you can add your preferred column, or a solution that comes with pre-installed column.

Please do not hesitate to contact us for more information.

The Axcend Focus LC® nano pumping system and on-column detector requires very small qunatities of sample and mobile phase solvents for analysis lending it to be GREEN by default.

Green chemistry, also called sustainable chemistry, is an area of chemistry and chemical engineering focused on the design of products and processes that minimize or eliminate the use and generation of hazardous substances.

Axcend®

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METABOLITE DETECTION ASSAYS

Sensitive, non-radioactive methods to detect and quantify metabolites in a 96 well format

Assay protocols are provided for culture media, serum, plasma, and cell or tissue lysates. The glucose, lactate, glutamine and glutamate metabolite detection assays use common sample preparation protocols, so that one sample can be assayed for all four metabolites.

The assays are extremely sensitive using only 2–5µl sample, so that multiple samples can be taken over a time course to follow consumption or production of glucose, lactate, glutamine and glutamate in a single sample well.

As an example: The Glucose Uptake-Glo Assay quantitates the rate of glucose uptake by cells

- Simple, homogeneous protocol: After addition of 2DG, there are no wash steps—all steps are additions.
- Sensitive with broad linearity: detect 0.5–30µM 2DG6P, and generates a signal-to-background > 3 with as few as 5,000 cells.
- Compatible with automation: The “add-mix-measure” format is compatible with automated and high-throughput workflow; reactions are scalable for use in 96- and 384-well plates.
- Reliable and reproducible: The Glucose Uptake-Glo™ Assay yields Z factors > 0.5

Promega

Art no	Description	Pack size	Listprice SEK
J1341	Glucose Uptake-Glo Assay	5 mL	4 350
J1342	Glucose Uptake-Glo Assay	10 mL	7 520





What kind of pipette should I choose and why?

Different pipettes can fit different application, for example when working only with few samples a mechanical pipette is good choice, but when working with 96 microwell plates multichannel pipette is a better option. In general lighter pipettes are better ergonomically, electronic pipettes can reduce the variance, and using tips and pipettes from the same manufacturer creates the most accurate system. Remember that choosing the right tip is as important as choosing the right pipette.

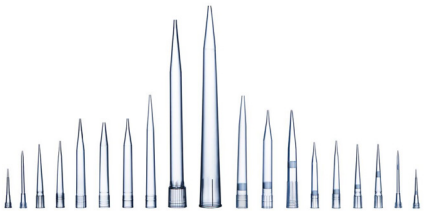
From Sartorius we can offer the perfect fit for your needs.



Tacta manual pipette -
Ergonomic, ease of use and reliability



Picus electronic pipette -
For daily, repetitive liquid handling when the accuracy of your results, speed and ergonomics are important.



Tips with or without filter
Optifit tips – non-filtered tips.
SafetySpace Filter tips - with air gap, so your sample never touches the filter.



Linear stand
Linear Stand for mechanical and electronical pipettes.
Art no: 725620



Charging Carousel
Charging carousel stand for 4 pipettes.
Art no: 730991

Contact us, we know pipettes, tips and pipetting and we are happy to help you!

SARTORIUS

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Nordic Biolabs suppliers

ACTIVE MOTIF	Innovative epigenetics tools and services for research and drug discovery
AFI Groups	Centrifuges for GMP and GLP environments
ASKION	Large system for cryo-/biobanks
BD	Antisera, media, bacteria definition
biochrom	Spectrophotometers, plate readers, plate washers
BIOCISION	Ice-free sample preparation and freezing
biosan Medical-Biological Research & Technologies	Lab instruments with small footprints
BIOSEARCH TECHNOLOGIES	Competent cells, enzymes, NGS kits etc
BRADY	Labels, printers and spill protection
byonoy	Aborbance readers with a small foot print
canvax	Buffers and Reagents for DNA/RNA
CAPRICORN SCIENTIFIC	Cell culture media and serum
Cellexus	New generation bioreactors
CELLSCRIPT™ RNA for Translation in Cells	RNA for translation in cells
Copan innovating together	Swabs, sample collection, transport
cytiva	Cell media and serum for research and drug discovery
deltalab	Tubes, sample containers and storage
FUJIFILM Value from Innovation / Wako	Biochemicals, bio-reagents, antibodies
Heathrow Scientific design | function | innovation	Racks, sample collection and storage, small centrifuges
IMPLEN	Nanophotometer and cuvette photometers
INVITEK Molecular	Instruments and IVD labeled DNA/RNA kits
KiiLTO	Ethanols for desinfection
LABCOLD	Refrigerators and freezers for lab
LEXOGEN	Library prep kits for RNA
MARIENFELD LABORATORY GLASSWARE	Glassware for microscopy and lab
Mast Group	Microbiological media, supplements
MICRONIC	Tubes in 96 well format for storage
MOLECULAR DEVICES	Plate readers, cell imaging, absorbance, fluorescence, luminescence
MP	Biochemicals, lysing matrix, homogenizers for DNA, RNA and proteins from any tissue
Nexcelom Bioscience	Accurate, automated cell count & analysis
NORDIC LAB	Compact ULT-freezers
Nordmark Biochemicals	Animal free collagenase
NUAIRE	CO_2 incubators, safety cabinets, ULT-freezers
OROCHEM Molecular Purification by Design	Chromatography consumables, sample prep for bioanalysis and proteomics
PIPETTE DOCTOR	Pipette Doctor, pipette service/ accredited pipette service and calibration
Promega	Cell- & molecular biology reagents, multimode readers and extraction systems
PROTECT 2CLEAN	Cleanroom and industrial safety products
rittter	Robotic tips, consumables for liquid handling
SARTORIUS	Pipette tips, filtration and purification, pipettes, balances, centrifuges, water systems, air samplers
SHIELD Scientific	Nitrile gloves for personal protection
Starna	Cuvettes, certified reference material
Teknokroma Professionally Friendly	Consumables and accessories for HPLC/UHPLC, GC and SPE
TENAK	Racks for all freezer brands and models
TPP	Sterile cell culture plastics, Pipette boy (Turbofix)
VISU	Lab interior
xell	Serum free cell culture media for CHO, HEK, BHK and hybridoma

Cryopreservation media in focus

HyCryo-STEM - Maintain differentiation potential and minimize spontaneous differentiation of stem cells

- Designed to cryopreserve neural progenitor or stem cells, embryonic stem cells (ESCs), and induced pluripotent stem (iPS) cells, well suited for biomanufacturing processes
- Chemically defined and serum-free (ADCF), containing DMSO and protein components for cell protection during cryopreservation
- HyCryo-STEM medium is provided at a 2× concentration; to be added to cells suspended in their own conditioned or fresh growth medium, to minimize the risk of osmotic shock



Art no: SR30002.02 - HyCryo-STEM 2× cryopres ADCF medium w DMSO 100 mL, Right now! 1 200 SEK *(1 751 SEK)*

HyCryo - Cryopreservation medium designed for general use

HyCryo is a cryopreservation suitable for many different cell types such as CHOK1, VERO, MDCK, and HEK293 cells. This formulation at 2x concentration is animal-derived component-free (ADCF) and contains DMSO, to be added to cells suspended in their own growth medium, to minimize any osmotic shock.



Art no: SR30001.02 - HyCryo 2× cryopres ADCF medium w DMSO 100 mL, Right now! 1 200 SEK *(1 751 SEK)*

FreezeMe One - Ready-to-use cryopreservation medium with FBS

FreezeMe One is a cryoprotective medium for cell culture that contains 10% DMSO and 20% FBS. As a complete freezing medium, FreezeMe One can be used for, e.g. long-term storage of an established cell line or cell stock maintenance. The serum used is extensively tested to protect cells during cell preservation. FreezeMe One is suitable for a broad spectrum of both adherent and suspension cells.



Art no: FM1-F - FreezeMe One cryopres medium w DMSO FBS 50 mL, RIght now! 1 050 SEK *(1 693 SEK)*

CellVation - Unique cryopreservation medium without DMSO or serum

Ready-to-use medium designed for optimal cell recovery and convenience, scientifically engineered for serum-free cultures.

- No presence of serum during freeze/thaw-cycles of serum-free adapted cells
- No DMSO-associated cytotoxicity or morphological differentiation
- Optimal recovery and faster cell attachment
- Proven track record for over 30 cell types, including primary and finite life cells as well as suspension and anchorage-dependent cell lines.



Art no: 0920300M2 - CellVation cryopres ADCF medium w/o DMSO 60 mL, Right now! 2 670 SEK *(4 150 SEK)*

cytiva CAPRICORN SCIENTIFIC MP

Biotech group

Peter Simon - 070 373 21 09, peter.simon@nordicbiolabs.se
Charlotte Otéma - 070 889 17 59, charlotte.otema@nordicbiolabs.se
Jesper Secher - +45 2466 4525, jesper.secher@nordicbiolabs.dk
Iben Kofoed Piper - +45 9384 5256, iben.kofoedpiper@nordicbiolabs.dk

nordic biolabs

www.nordicbiolabs.se

Nordic Biolabs AB, Box 7293, 187 14 Täby,
Tel vxl 08-630 85 00, Fax 08-630 09 05, info@nordicbiolabs.se

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