Life Science

TOP Offers

Protein Quantification

-20 % **ready-to-use**

ROTI®Quant

5x conc.

For protein quantitation acc. to Bradford.

Bradford solution

- Reproducible
- Fast
- Low price

Application:

- One measurement per sample (OD_{595})
- Linearity of measuring results to a great extent
- Sensitivity to 2 µg
- Functional range: 2-100 µg

50 ml Roti®-Quant is sufficient for more than 200 macroassays (1 ml-cuvette) or more than 900 assays when using microtiter plates.

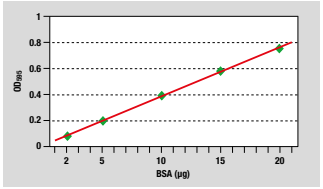
Storage temperature: +4 °C

Danger H226-H290-H302-H314

Notes on the product

Tested for protein gel staining.

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
K015.2	200 assays (cuvettes)	50 ml	plastic	~~144,40~~	**115,15**
K015.3	800 assays (cuvettes)	200 ml	plastic	~~466,90~~	**373,15**
K015.1	2000 assays (cuvettes)	500 ml	plastic	~~927,40~~	**741,75**



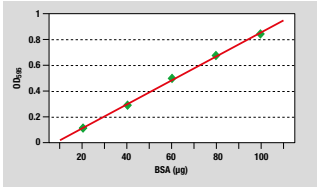


Fig.: Typical standard curve with ROTI®Quant and BSA (Art. No. 8076.1) as calibrating protein.

Valid from 1 August to 30 September 2024

FRISENETTE

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Phone: +45 86 34 22 44 · E-Mail: roth@frisenette.dk · Internet: www.frisenette.dk

DK-EN

Cell Isolation -20 %

ROTI®Sep 1077 human

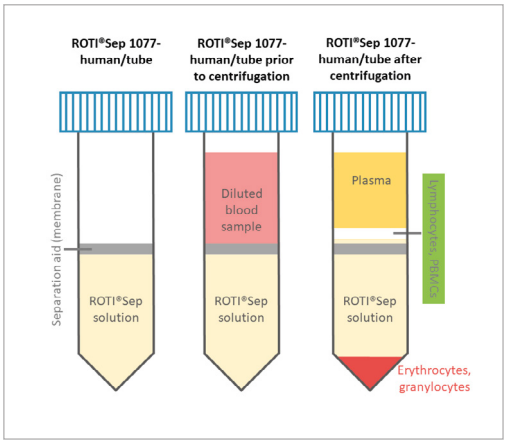
S ready-to-use

CELLPURE® sterile, ready-to-use, for density gradient centrifugation

Lymphocyte separation medium, Polysucrose solution

Ready-to-use and sterile separation medium based on polysucrose 400, for efficient isolation of lymphocytes from human blood by density gradient centrifugation.
Best alternative to Ficoll®.

- Optimised for isolation of lymphocytes from non-coagulated human whole blood
- Produces distinct, compact layers
- Results in high recovery rates of viable cells
- Maintains the representative ratio of B- to T lymphocytes
- May be directly applied to all protocols using Ficoll®



ROTI®Sep 1077 human

Polysucrose based medium for separation of lymphocytes/PBMC from human whole blood. Density: 1,077 g/ml

Storage temperature: +4 °C

Danger H317-H334

Not a medical device / Not an IVD product

Art. No.	Pack Qty.	Pack.	DKK	DKK
0642.1	100 ml	plastic	~~475,15~~	379,50
0642.2	500 ml	plastic	~~1.685,25~~	1.347,75

ROTI®Sep 1077 human/tube

Polysucrose based medium for separation of lymphocytes/PBMC from human whole blood. Density: 1,077 g/ml

Prefilled in 50 ml centrifugation tubes, 15 ml each.

Storage temperature: +4 °C

Not a medical device / Not an IVD product

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
0634.1	25 x 50 ml	25 unit(s)	cardboard	~~6.046,90~~	4.837,50

Cryopreservation -20 %

S ready-to-use

ROTI®Cell Freezing Medium

CELLPURE® ready-to-use, sterile, serum-free

For cryopreservation and long-term storage of cells.

ROTI®Cell Freezing Medium is a serum-free cryopreservation medium for long-term storage of various cell types. It contains 10 % DMSO and is also suitable for sensitive cells due to its gentle formulation. Thus, it is preferably used for the cryopreservation of embryonic and adult stem cells as well as induced pluripotent stem cells (IPS).

DMSO serves as a cryoprotectant. By lowering the freezing point, a gentler cooling rate for the cells is ensured. Cell stress is minimized and possible cell damage caused by intracellular ice crystals is largely prevented.

Store protected from light.

Storage temperature: +2 to +8 °C
Transport temperature: ambient temp.

Art. No.	Pack Qty.	Pack.	DKK	DKK
1Y1L.1	50 ml	plastic	~~1.685,25~~	1.347,75

Cryopreservation

Cryopreservation allows the preservation and indefinite storage of living cells at very low temperatures (< -150°C). This requires cryopreservation media that ensure protection of the cells and minimize ice crystal formation.

Protein Isolation -20 %

ROTI®Garose Beads for Isolation of His-tag Proteins

Ion charged agarose beads for low pressure affinity chromatography. IMAC matrix.

- Simple and rapid one-step purification of His-tagged proteins from total lysates
- High recovery rate of very pure proteins
- Superior binding capacity
- Easy elution and regeneration
- Very low ion leaching
- Compatible with denaturing and reducing reagents

Product name	General application	Instructions for use	Instructions for use, addition	Art. No.	Pack Qty.	DKK	DKK
ROTI®Garose-Biotin Beads	For isolation of avidin/strep-tavidin-coupled molecules by affinity chromatography	For batch mode and gravity flow	Bead suspension, binding capacity >30 mgl/ml packed matrix	**0844.1**	5 ml	~~3.991,15~~	**3.192,75**
				0844.2	10 ml	~~7.135,50~~	**5.708,25**
ROTI®Garose-Glu/GST Beads	For isolation of GST-tagged proteins by affinity chromato-graphy	Suitable for batch mode, LPLC, FPLC and MPLC and big matrix volumes	Bead suspension, binding capacity ≥8 mgl/ml packed matrix	**0841.1**	10 ml	~~2.701,15~~	**2.160,75**
				0841.2	100 ml	~~18.140,65~~	**14.512,50**
ROTI®Garose-His/Co Beads	For isolation of His-tagged proteins by affinity chromato-graphy.	For batch mode and gravity flow	Bead suspension, binding capacity 135 mg/ml packed matrix $(His)_6$	**1235.1**	25 ml	~~2.894,65~~	**2.315,25**
				1235.2	100 ml	~~7.861,15~~	**6.288,75**
ROTI®Garose-His/Ni Beads	For isolation of His-tagged proteins by affinity chromato-graphy.	For batch mode and gravity flow	Bead suspension, binding capacity 117 mg/ml packed matrix $(His)_6$	**1308.1**	25 ml	~~2.620,50~~	**2.096,25**
				1308.2	100 ml	~~7.861,15~~	**6.288,75**
ROTI®Garose-His/Ni NTA-Beads	For isolation of His-tagged pro-teins by affinity chromatography under reducing conditions	For batch mode and gravity flow	Bead suspension, binding capacity ≥50 mg/ml packed matrix $(His)_6$	**0807.1**	25 ml	~~3.539,65~~	**2.831,25**
				0807.2	100 ml	~~11.489,25~~	**9.191,25**

For safety information and additional data, see our current catalogue or at www.carlroth.com

Bovine Serum Albumin (BSA) Fraction V -20 %

For purification of this Albumin an extensive heat-shock/diafiltration method is used, which has been shown to bring more highly purified products than the standard process acc. to Cohn. The process is taking place in a closed system.

Product name	Purity	General application	Instructions for use	Art. No.	Pack Qty.	DKK	DKK
Bovine Serum Albumin (BSA) Fraction V, IgG free, NZ-Origin	>98 %, IgG-free, for biochemis-try and molecular biology	Recommended as blocking and stabilising reagent in all antibody-mediated detection systems.	BSA "Fraction V". Recommended if BSA with origin Australia or New Zealand is required.	**3737.1**	10 g	~~536,25~~	**428,65**
				3737.2	50 g	~~1.471,50~~	**1.177,15**
				3737.3	200 g	~~4.426,50~~	**3.540,75**
				3737.4	500 g	~~8.860,90~~	**7.088,25**
Bovine Serum Albumin (BSA) Fraction V, NZ-Origin	≥98 %, for biochemistry and molecular biology	Wide range of applications, e.g. as protein standard or blocking reagent.	BSA "Fraction V". Recommended if BSA with origin Australia or New Zealand is required.	**8076.1**	10 g	~~265,50~~	**211,90**
				8076.2	50 g	~~818,65~~	**654,40**
				8076.4	200 g	~~2.701,15~~	**2.160,75**
				8076.3	500 g	~~5.926,15~~	**4.740,75**
				8076.5	1 kg	~~9.667,15~~	**7.733,25**
Bovine Serum Albumin (BSA) Fraction V, protease-free, Europe	≥97 %, protease-free, for protein analysis and molecular biology	For all sensitive enzymatic assays.	BSA "Fraction V".	**T844.1**	10 g	~~471,75~~	**377,25**
				T844.2	50 g	~~1.229,65~~	**983,65**
				T844.4	200 g	~~3.910,50~~	**3.128,25**
				T844.3	500 g	~~8.264,25~~	**6.611,25**
Bovine Serum Albumin (BSA) Fraction V, very low endotoxin, US-Origin	≥98 %, very low endotoxin, for cell biology	With extremely low endotoxin content. Recommended for the culture of primary cells, cell lines and stem cells. Also suitable for sensitive cell culture assays.	BSA "Fraction V". Recommended if BSA with US-Origin is required.	**1ET6.1**	1 g	~~254,25~~	**202,90**
				1ET6.2	10 g	~~563,65~~	**450,40**
				1ET6.3	50 g	~~1.786,15~~	**1.428,40**
				1ET6.4	200 g	~~4.104,00~~	**3.282,75**

For safety information and additional data, see our current catalogue or at www.carlroth.com

Isolation of Nucleic Acids -20 %

ROTI®Phenol solutions for DNA and RNA extraction

ready-to-use

- Reduce exposure to toxic chemicals
- Prepared from phenol of highest purity
- Packed under argon for maximum stability
- Successfully tried and tested in many research laboratories

ROTI®Phenol

ready-to-use, for the extraction of nucleic acids

Redistilled, in TE buffer equilibrated phenol, pH 7,5-8,0.

Storage temperature: +4 °C

Danger H301+H311+H331-H314-H341-H373-H411

Art. No.	Pack Qty.	Pack.	DKK	DKK
0038.1	100 ml	glass	~~246,00~~	**196,50**
0038.2	250 ml	glass	~~496,15~~	**396,40**
0038.3	500 ml	glass	~~773,25~~	**618,40**

ROTI®Aqua-Phenol -25 %

ready-to-use, for RNA extraction

Redistilled, in water saturated phenol, pH 4,5-5.

Storage temperature: +4 °C

Danger H301-H312+H332-H314-H341-H373-H411

Art. No.	Pack Qty.	Pack.	DKK	DKK
A980.2	100 ml	glass	~~205,90~~	**153,75**
A980.1	250 ml	glass	~~402,40~~	**301,50**
A980.3	500 ml	glass	~~628,15~~	**470,65**

ROTI®Phenol/Chloroform/Isoamyl alcohol

ready-to-use, for the extraction of nucleic acids

Redistilled, in TE-buffer equilibrated phenol, chloroform and isoamyl alcohol at a ratio of 25:24:1, pH 7,5-8,0.

Storage temperature: +4 °C

Danger
H301+H331-H312-H314-H341-H351-H361d-H372-H411

Art. No.	Pack Qty.	Pack.	DKK	DKK
A156.3	100 ml	glass	~~354,00~~	**282,75**
A156.1	250 ml	glass	~~708,75~~	**566,65**
A156.2	500 ml	glass	~~1.201,50~~	**960,75**

ROTI®Aqua-P/C/I

ready-to-use, for RNA extraction

Redistilled, in water saturated phenol, chloroform and isoamyl alcohol at a ratio of 25:24:1, pH 4,5-5.

Storage temperature: +4 °C

Danger
H301+H331-H312-H314-H341-H351-H361d-H372-H411

Art. No.	Pack Qty.	Pack.	DKK	DKK
X985.3	100 ml	glass	~~270,40~~	**216,00**
X985.1	250 ml	glass	~~483,00~~	**385,90**
X985.2	500 ml	glass	~~745,90~~	**596,65**

ROTI®Prep Kits – Column-based kits for the isolation of nucleic acids

- Manual extraction of nucleic acids from various source materials
- Preparation by well-known mini spin-column system
- Fast, easy and efficient
- Short extraction time
- High yield

Our ROTI®Prep kits are designed for the manual extraction of nucleic acids from various starting materials. The column-based kits enable fast, safe and uncomplicated purification of nucleic acids without the use of toxic phenol. The isolated nucleic acids are highly pure and can be used in all common subsequent applications.

Product name	General application	Packaging	Art. No.	Pack Qty.	DKK	DKK
ROTI®Prep gDNA Mini 2.0	**Kit for the isolation of genomic DNA from various starting materials such as bacteria, plants, fungi, cell cultures or blood.**	10 preparations	**1YTK.1**	1 kit	~~442,90~~	**353,65**
		50 preparations	**1YTK.2**	1 kit	~~1.733,65~~	**1.386,75**
		250 preparations	**1YTK.3**	1 kit	~~6.893,65~~	**5.514,75**
ROTI®Prep Plasmid MINI-XL	**Kit for easy isolation of plasmids from up to 15 ml bacterial culture.**	10 preparations	**8546.1**	1 kit	~~402,40~~	**321,40**
		50 preparations	**8546.2**	1 kit	~~1.120,90~~	**896,25**
		250 preparations	**8546.3**	1 kit	~~4.345,90~~	**3.476,25**
ROTI®Prep Gel & PCR	**Kit for DNA isolation from agarose gel pieces, or from PCR and sequencing reactions.**	10 preparations	**20H6.1**	1 kit	~~375,00~~	**299,65**
		50 preparations	**20H6.2**	1 kit	~~959,65~~	**767,25**
		250 preparations	**20H6.3**	1 kit	~~2.862,40~~	**2.289,75**
ROTI®Prep RNA MINI	**Kit for RNA isolation from eukaryotic cells, tissues, bacteria, biopsies.**	10 preparations	**8485.1**	1 kit	~~512,25~~	**409,50**
		50 preparations	**8485.2**	1 kit	~~2.088,40~~	**1.670,25**
		250 preparations	**8485.3**	1 kit	~~8.296,50~~	**6.636,75**

For safety information and additional data, see our current catalogue or at www.carlroth.com

Basics for -20 % Polyacrylamide Gel Electrophoresis

Electrophoresis Unit ROTIPHORESE® PROclamp MINI

Carl ROTH.

Electrophoresis Unit ROTIPHORESE® PROclamp MINI

- Electrophoresis chamber with accessories – ready for use
- Compatible with all major brands of 10 × 10 cm precast gels
- With fast-clamping technique
- Up to 20 samples per gel
- Effective buffer cooling independent of running water or chillers

Delivery incl. 1 vertical electrophoresis chamber incl. buffer tank, safety lid and 2 cables (4 mm plugs), 1 running module, 1 dummy plate for run of one gel only, 1 gel cooling pack.
For run of 3 or 4 gels, please additionally order PROclamp MINI notched glass plates with fixed spacers (e.g. thickness 1 mm, Art. No. 3563.1) and suitable combs (e.g. Art. No. 3638.1).

Type	Art. No.	Pack Qty.	DKK	DKK
PROclamp MINI complete set	**3501.1**	1 unit(s)	~~7.611,00~~	**6.088,50**

ready-to-use

ROTIPHORESE®Gel 30 (37.5:1)

ROTIPHORESE® 30 %, ready-to-use, gas-stabilized

Aqueous acrylamide and bisacrylamide stock solution at a ratio of 37,5:1 for preparation of protein gels.

Cross linking 2,7.

Storage temperature: +4 °C

Danger H302-H315-H317-H319-H340-H350-H361f-H372

Art. No.	Pack Qty.	Pack.	DKK	DKK
3029.3	250 ml	glass	~~246,00~~	**196,50**
3029.5	250 ml	plastic	~~262,15~~	**209,65**
3029.2	500 ml	glass	~~370,15~~	**295,90**
3029.4	500 ml	plastic	~~402,40~~	**321,40**
3029.1	1 l	glass	~~636,40~~	**508,50**

ready-to-use

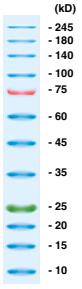
ROTIPHORESE®10x SDS-PAGE

ROTIPHORESE® 10x conc.

SDS-PAGE running buffer in electrophoresis.

ROTIPHORESE®10x SDS-PAGE contains 0,25 M Tris, 1,92 M glycine and 1 % (w/v) SDS in distilled, deionised water for protein analysis. Acc. to Laemmli (1970), *Nature* 227:680.

Art. No.	Pack Qty.	Pack.	DKK	DKK
3060.1	1 l	glass	~~362,25~~	**289,15**
3060.3	2.5 l	glass	~~660,40~~	**528,00**
3060.2	5 l	plastic	~~947,65~~	**757,90**



ready-to-use

ROTI®Mark TRICOLOR

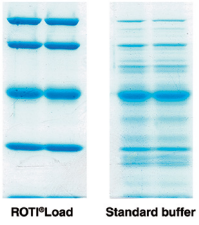
ready-to-use, prestained

Size range: 10-245 kD
Number of protein bands: 12
Number of lanes/ml: approx. 200 (mini gels)

For direct application to the gel.

Storage temperature: –20 °C
Transport temperature: ambient temp.

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
8271.2	1 x 250 µl	250 µl	plastic	~~879,00~~	**702,75**
8271.1	2 x 250 µl	500 µl	plastic	~~1.653,00~~	**1.322,25**



ready-to-use

ROTI®Load 1

4x conc., reducing

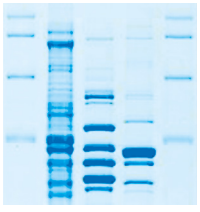
Protein gel loading buffer, modified formulation acc. to Laemmli.

Well tested and proven sample buffer for protein gel electrophoresis that has been modified and further developed based on the original formulation acc. to Laemmli (*Nature* 227, 1970). Optimized for a distinct band display. Recommended for size estimation of proteins in gel.

- Formulation acc. to Laemmli (modified)
- Stabilises peptide bands
- Prevents protein degradation
- Improves gel separation

Danger H302+H332-H311-H315-H317-H318-H373-H411

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
K929.1	1 x 10 ml	10 ml	glass	~~168,75~~	**134,65**
K929.2	4 x 10 ml	40 ml	glass	~~507,40~~	**405,40**
K929.3	10 x 10 ml	100 ml	glass	~~1.149,00~~	**919,15**



ready-to-use

ROTI®Blue quick

1x conc., ready-to-use

For rapid, sensitive staining of protein gels.

ROTI®Blue quick provides a new, very fast staining method for proteins in polyacrylamide gels. Due to the modern formulation, the dye binds highly specifically to proteins, but not to the gel matrix, hence eliminating the need to destain the gel. First bands are clearly visible within 3 minutes!

- Particularly fast, specific staining
- First bands are visible within 3 mins.
- No background – no destaining necessary
- Very simple application without heating, methanol, or acetic acid
- Stabilised for a longer shelf life

Danger H314

Art. No.	Pack Qty.	Pack.	DKK	DKK
4829.1	250 ml	glass	~~773,25~~	**618,40**
4829.2	1 l	glass	~~2.862,40~~	**2.289,75**

Inhibitors · Topseller -20 %

Single Inhibitors

Aprotinin

≥3,0 PEU/mg, for biochemistry

Inhibitor for inhibition of serin proteases, lyophilized and made of beef lung.

Aprotinin inhibits trypsin, chymotrypsin, plasmin and kallikrein with high activity.

Kininogens are cysteine proteases from the cystatin superfamily. Kininogenases split kininogens into kinins (inflammation mediators).

Unit definition

Activity: 1 PEU (Ph. Eur. Unit) corresponds to 1950 KIU (Kallikrein Inhibitory Units). 1 PEU corresponds to approx. 1.5 TIU (Trypsin Inhibitory Units). 1 TIU corresponds to approx. 1300 KIU.
Specific Activity: ≥3.0 PEU/mg corresponding to ≥5850 KIU/mg

Directions for use

Recommended end concentration: 1.54 µM (10 µg/ml).
pH-optimum: 7.0-8.0.

Dissolves easily in water. Stock solution: 1.54 mM (10 mg/ml) in H_2O or buffer. Storage of stock solution: in aliquots at –20 °C.

Storage temperature: +4 °C

Lyophilized from bovine lungs.

Art. No.	Pack Qty.	Pack.	DKK	DKK
A162.1	10 mg	glass	~~354,00~~	282,75
A162.2	50 mg	glass	~~1.068,40~~	854,65
A162.3	100 mg	glass	~~1.894,90~~	1.515,75
A162.5	250 mg	glass	~~3.942,75~~	3.153,75
A162.4	500 mg	glass	~~7.409,65~~	5.927,25

Phenylmethyl sulphonyl fluoride

≥98 %, for biochemistry

Irreversible inhibitor of serine- and thiol proteases. Reversible effect on cysteine proteases.

Danger H301-H314

Art. No.	Pack Qty.	Pack.	DKK	DKK
6367.4	348 mg	glass	~~141,40~~	112,90
6367.1	5 g	plastic	~~302,65~~	241,90
6367.2	25 g	plastic	~~987,75~~	790,15
6367.3	100 g	plastic	~~2.975,25~~	2.379,75

Pefabloc® SC-Protease Inhibitor

Pefabloc® ≥95 %, for biochemistry

Irreversible inhibitor of serine proteases.

Storage temperature: +4 °C

Danger H314

Art. No.	Pack Qty.	Pack.	DKK	DKK
A154.1	100 mg	glass	~~665,25~~	532,15
A154.2	500 mg	glass	~~2.701,15~~	2.160,75
A154.3	1 g	glass	~~4.878,00~~	3.902,25

AEBSF hydrochloride

≥97 %, for biochemistry

Inhibitor of serine proteases

Storage temperature: –20 °C
Transport temperature: ambient temp.

Danger H314

Art. No.	Pack Qty.	Pack.	DKK	DKK
2931.1	25 mg	plastic	~~192,75~~	153,75
2931.2	100 mg	plastic	~~418,50~~	334,50
2931.3	500 mg	plastic	~~1.713,40~~	1.370,65

Inhibitorcocktails

Inhibitor Cocktail Tissue

for biochemistry, EDTA free

Cocktail of protease inhibitors for extracts of mammalian cells or tissue. Without EDTA.

Inhibitor cocktail. Inhibits serine proteases, esterases, cysteine proteases, and trypsin-like proteases.
Recommended as cocktail for protease inhibition particularly in extracts from mammalian cells or tissue.

Storage temperature: –20 °C
Transport temperature: ambient temp.

Danger H314

Art. No.	Pack Qty.	Pack.	DKK	DKK
3755.1	0.5 g	plastic	~~466,90~~	373,15

Inhibitor Cocktail Plus ready-to-use

ready-to-use, for biochemistry, EDTA free

Broad range cocktail of protease inhibitors for extracts of mammalian cells or tissue. Without EDTA.

Inhibitor cocktail for inhibition of a broad range of proteases. Inhibits serine proteases, esterases, aminopeptidase B, leucine-amino-peptidases, cysteine proteases, trypsin-like proteases, and aspartic proteases.
Recommended as cocktail for protease inhibition particularly in extracts from mammalian cells or tissue.

1 ml is sufficient for inhibition of proteases from approx. 20 g cells or tissue.

Storage temperature: –20 °C
Transport temperature: cooled

Warning H315-H319

Art. No.	Pack Qty.	Pack.	DKK	DKK
3751.1	1 ml	plastic	~~879,00~~	702,75

Media for Molecular Biology -20 %

LB Broth (Luria/Miller)

for molecular biology

Standard medium for propagation of *E. coli*. Due to the high salt content, this classical formulation acc. to Luria and Bertani is superior when culturing cells for plasmid preparation.

Application: Use 25 g for 1 l broth.

10 g/l NaCl

Art. No.	Pack Qty.	Pack.	DKK	DKK
X968.1	500 g	plastic	~~531,40~~	**424,90**
X968.2	1 kg	plastic	~~1.008,00~~	**806,25**
X968.3	2.5 kg	plastic	~~2.136,75~~	**1.709,25**
X968.4	5 kg	plastic	~~3.950,65~~	**3.160,50**

LB Broth (Lennox)

for molecular biology

Standard formulation used for propagation and culturing of *E. coli*. The salt content was adjusted to enable high-copy plasmid proliferation and preparation. Additionally, LB medium may be supplemented with magnesium chloride in order to gain an enriched broth for phage propagation.

Application: Use 20 g for 1 l broth.

5 g/l NaCl

Art. No.	Pack Qty.	Pack.	DKK	DKK
X964.1	500 g	plastic	~~609,00~~	**486,75**
X964.2	1 kg	plastic	~~1.088,65~~	**870,75**
X964.3	2.5 kg	plastic	~~2.378,65~~	**1.902,75**
X964.4	5 kg	plastic	~~4.426,50~~	**3.540,75**

Terrific Broth

for molecular biology

Nutricious medium for the culture and proliferation of *E. coli*.

Application: Use 50,8 g for 1 l broth. Before autoclaving add 4 ml glycerol per litre medium.

Art. No.	Pack Qty.	Pack.	DKK	DKK
X972.1	500 g	plastic	~~681,40~~	**544,90**
X972.2	1 kg	plastic	~~1.201,50~~	**960,75**
X972.3	2.5 kg	plastic	~~2.539,90~~	**2.031,75**
X972.4	5 kg	plastic	~~4.668,40~~	**3.734,25**

LB Agar (Luria/Miller)

for molecular biology

Application: Use 40 g for 1 l agar.

10 g/l NaCl

Art. No.	Pack Qty.	Pack.	DKK	DKK
X969.1	500 g	plastic	~~668,65~~	**534,40**
X969.2	1 kg	plastic	~~1.149,00~~	**919,15**
X969.3	2.5 kg	plastic	~~2.814,00~~	**2.250,75**
X969.4	5 kg	plastic	~~5.394,00~~	**4.314,75**

LB Agar (Lennox)

for molecular biology

Application: Use 35 g for 1 l agar.

5 g/l NaCl

Art. No.	Pack Qty.	Pack.	DKK	DKK
X965.1	500 g	plastic	~~754,15~~	**603,00**
X965.2	1 kg	plastic	~~1.443,40~~	**1.154,25**
X965.3	2.5 kg	plastic	~~3.297,75~~	**2.637,75**

2xYT Broth

for molecular biology

Nutritious medium for proliferation of *E. coli*.

Application: Use 31 g for 1 l broth.

Art. No.	Pack Qty.	Pack.	DKK	DKK
X966.1	500 g	plastic	~~652,50~~	**521,65**
X966.2	1 kg	plastic	~~1.169,25~~	**935,25**
X966.3	2.5 kg	plastic	~~2.620,50~~	**2.096,25**

Antibiotics for Microbiology -20 %

Ampicillin sodium salt

≥97 %, BioScience Grade, for molecular biology

β-lactam antibiotic. Semi synthetic penicillin.

Storage temperature: +4 °C

Danger H317-H334

Art. No.	Pack Qty.	Pack.	DKK	DKK
K029.1	10 g	plastic	~~222,00~~	**177,40**
K029.4	25 g	plastic	~~410,65~~	**328,15**
K029.5	50 g	plastic	~~717,00~~	**573,00**
K029.2	100 g	plastic	~~1.229,65~~	**983,65**
K029.3	250 g	plastic	~~2.620,50~~	**2.096,25**

Gentamycin sulphate solution

50 mg/ml, BioScience Grade, sterile, ready-to-use

Aminoglycoside antibiotic. For cell culture and biochemistry.
Stock solution.
Working concentration: 15–50 µg/ml

Storage temperature: +4 °C

Danger H317-H334

Art. No.	Pack Qty.	Pack.	DKK	DKK
2475.1	20 ml	plastic	~~927,40~~	**741,75**
2475.2	100 ml	plastic	~~2.894,65~~	**2.315,25**

Geneticin disulphate (G418) solution

50 mg/ml, BioScience Grade, sterile, ready-to-use

Aminoglycoside antibiotic.

Working concentration: 50–1000 µg/ml, has to be determined for each cell type.

Storage temperature: +4 °C

Danger H317-H334

Art. No.	Pack Qty.	Pack.	DKK	DKK
2039.1	10 ml	plastic	~~612,00~~	**489,40**
2039.2	20 ml	plastic	~~846,75~~	**677,25**
2039.3	100 ml	plastic	~~3.426,75~~	**2.741,25**

Carbenicillin disodium salt

≥88 %, for biochemistry

β-lactam antibiotic, semi synthetic penicillin.

Storage temperature: +4 °C

Danger H317-H334

Art. No.	Pack Qty.	Pack.	DKK	DKK
6344.1	1 g	glass	~~289,50~~	**231,40**
6344.2	5 g	plastic	~~668,65~~	**534,40**
6344.4	10 g	glass	~~1.249,90~~	**999,75**
6344.3	25 g	plastic	~~2.894,65~~	**2.315,25**

Kanamycin

≥750 I.U./mg, for biochemistry

Bacteriostatic antibiotic

Storage temperature: +4 °C

Danger H360D

Art. No.	Pack Qty.	Pack.	DKK	DKK
T832.1	5 g	plastic	~~217,15~~	**173,25**
T832.5	10 g	glass	~~334,90~~	**267,40**
T832.2	25 g	plastic	~~612,00~~	**489,40**
T832.3	50 g	plastic	~~1.008,00~~	**806,25**
T832.4	100 g	plastic	~~1.685,25~~	**1.347,75**

Nourseothricin

≥85 %, for biochemistry and microbiology

Broad-band antibiotic and antimycotic of viruses, bacteria and fungi.

Storage temperature: +4 °C

Warning H302-H315-H319-H335

Art. No.	Pack Qty.	Pack.	DKK	DKK
3011.1	25 mg	plastic	~~418,50~~	**334,50**
3011.2	100 mg	plastic	~~987,75~~	**790,15**
3011.3	1 g	plastic	~~5.039,25~~	**4.031,25**

Histological Staining -20 %

Product name	Art. No.	Pack Qty.	DKK	DKK
Alcian blue 8 GS (C.I. 74240)	3082.2	5 g	~~378,40~~	302,25
	3082.1	10 g	~~673,50~~	538,50
	3082.3	25 g	~~1.491,75~~	1.193,25
	3082.4	100 g	~~5.152,15~~	4.121,25
DAPI -30 %	6335.1	25 mg	~~879,00~~	615,00
	6335.2	100 mg	~~2.539,90~~	1.777,50
Eosin Y (C.I. 45380)	7089.1	50 g	~~351,00~~	280,50
	7089.2	100 g	~~609,00~~	486,75
	7089.3	500 g	~~1.975,50~~	1.580,25
Ethidium bromide	7870.1	1 g	~~233,25~~	186,00
	7870.2	5 g	~~927,40~~	741,75
Fuchsine basic (C.I. 42510)	3256.2	25 g	~~337,90~~	270,00
	3256.1	50 g	~~592,90~~	474,00
	3256.3	100 g	~~781,50~~	624,75
Hematoxylin (C.I. 75290)	3816.1	10 g	~~483,00~~	385,90
	3816.3	50 g	~~1.894,90~~	1.515,75
	3816.2	100 g	~~3.426,75~~	2.741,25
Malachite green oxalate (C.I. 42000)	5895.2	25 g	~~165,40~~	132,00
	5895.1	100 g	~~334,90~~	267,40
	5895.3	250 g	~~496,15~~	396,40
Methylene blue (C. I. 52015)	A514.1	10 g	~~181,50~~	145,15
	A514.2	50 g	~~483,00~~	385,90
	A514.3	100 g	~~826,50~~	661,15
Nuclear fast red (C.I. 60760)	7728.1	1 g	~~262,15~~	209,65
	7728.2	5 g	~~797,65~~	637,50
	7728.3	10 g	~~1.411,15~~	1.128,75
Ponceau S (C.I. 27195)	5938.2	10 g	~~249,40~~	199,15
	5938.1	25 g	~~507,40~~	405,40
Tetrachloroauric(III) acid trihydrate	3867.1	1 g	~~1.443,40~~	1.154,25
	3867.2	5 g	~~5.877,75~~	4.701,75

For safety information and additional data,
see our current catalogue or at www.carlroth.com

HCl-ethanol solutions ready-to-use

0,75 % HCl in ethanol, ready-to-use, for histology

Differentiating solution for histological staining.

HCl-ethanol solution is used for regressive hemalum staining, but also for detection of mycobacteria and other stains.

HCl-ethanol solution

Solution of 0.75 % hydrochloric acid in ethanol 70 %.

Danger H225-H290-H319

Art. No.	Pack Qty.	Pack.	DKK	DKK
9969.1	500 ml	plastic	~~157,50~~	125,65
9969.2	1 l	plastic	~~254,25~~	202,90
9969.3	5 l	plastic	~~867,00~~	693,40

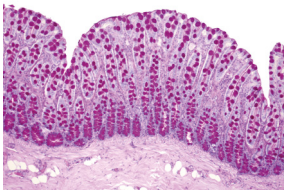
HCl-ethanol solution

Solution of 3 % hydrochloric acid in ethanol 70 %.

Danger H225-H290-H319

Art. No.	Pack Qty.	Pack.	DKK	DKK
6477.1	500 ml	plastic	~~165,40~~	132,00
6477.2	1 l	plastic	~~294,40~~	235,15
6477.3	5 l	plastic	~~1.008,00~~	806,25

Dye Kits -20 % ready-to-use



PAS staining kit

for microscopy

Staining kit for Periodic Acid Schiff (PAS) staining, incl. instructions for use.

Periodic Acid Schiff staining is generally used for detecting carbohydrates in tissue.

Danger H290-H302-H315-H319-H350-H373

Not a medical device / Not an IVD product

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
HP01.1	3 x 500 ml	1 kit	glass	~~927,40~~	741,75

Product name	Use	Packaging	Art. No.	DKK	DKK
Elastica van Gieson staining kit	Visualisation of connective tissue with elastic fibres	4 x 500 ml	8275.1	~~1.572,40~~	1.257,75
Gram staining kit	Differentiation of gram positive and gram negative bacteria	4 x 500 ml	HP02.1	~~1.008,00~~	806,25
Masson-Goldner's trichrome staining kit	Visualisation of the connective tissue	5 x 500 ml	3459.1	~~1.733,65~~	1.386,75
Van Gieson trichrome staining kit	Visualisation of the connective tissue	3 x 500 ml	9193.1	~~1.201,50~~	960,75
Weigert's iron hematoxylin staining kit	Acid resistant staining of nuclei	2 x 500 ml	9192.1	~~826,50~~	661,15
Ziehl-Neelsen staining kit	Visualisation of of acid-fast bacteria	2 x 500 ml	8276.1	~~466,90~~	373,15

For safety information and additional data,
see our current catalogue or at www.carlroth.com

Not a medical device / Not an IVD producte

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