



Life Science TOP Offers



Due to the current market situation with which we are all familiar, characterised by an exceptionally unstable pricing situation, the prices listed in the print medium may increase during the promotional period in individual cases. You can find the relevant applicable prices at www.carlroth.com



-25 %

DNase-free

Protease-free



Ribonuclease A

90 U/mg (Kunitz), BioScience Grade, salt-free

Acc. to Hirs, extracted from bovine pancreas.

Extracted from bovine pancreas for RNA separation, especially when isolating RNA-free DNA. The enzyme cleaves RNA and produces 3' terminal nucleoside phosphates.

This quality product for molecular biology is free from salt, without proteases and is chromatographically homogeneous. Unit definition acc. to Kunitz.

Directions for use

Working solution: 2–10 µg/ml in 10 mM Tris (pH 7,5), 15 mM NaCl.
Note: RNase precipitates when concentrated solutions are heated/cooked at pH ≥7,0. Store solution in aliquots at –20 °C

Stock solution: 10 mg/ml in water (pH ≤6,0) or 0,01 M sodium acetate (pH 5,2). Do not heat RNase prepared in sodium acetate.

The DNase content of the RNase powder is below detection limit. However, we nevertheless recommend pretreatment of the ribonuclease prior to using it for DNA isolation. DNase free RNase is prepared by dissolution of the RNase powder in water, followed by cooking of the solubilised ribonuclease aliquots for 15 min. Let cool to room temperature on bench top.

Storage temperature: –20 °C

Transport temperature: ambient temp.

Art. No.	Pack Qty.	Pack.	DKK	DKK
7156.1	100 mg	glass	959,65	719,25
7156.4	250 mg	glass	2169,00	1626,40
7156.2	500 mg	glass	4152,40	3114,00
7156.3	1 g	glass	7659,40	5744,25

Molecular Biology · DNA Isolation

-20 %**ROTI®Prep Kits – Column-based kits for the isolation of nucleic acids**

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.

General properties:

- 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



Product name	General application	Packaging	Art. No.	Pack Qty.	DKK	DKK
ROTI®Prep Plant DNA	Kit for isolation of genomic DNA from various plant tissues.	10 preparations	20H4.1	1 kit	532,15	425,65
		50 preparations	20H4.2	1 kit	1886,65	1509,00
		250 preparations	20H4.3	1 kit	6353,25	5082,40
ROTI®Prep DNA Micro	Kit for isolation of genomic DNA from small sample volumes (animal tissue, cells, blood).	10 preparations	20H5.1	1 kit	475,90	380,25
		50 preparations	20H5.2	1 kit	1249,90	999,75
ROTI®Prep Gel & PCR	Kit for DNA isolation from agarose gel pieces, or from PCR and sequencing reactions.	10 preparations	20H6.1	1 kit	363,75	290,25
		50 preparations	20H6.2	1 kit	918,75	734,25
		250 preparations	20H6.3	1 kit	2761,50	2209,15
ROTI®Prep Plant RNA	Kit for RNA isolation from various plant tissues	10 preparations	20H7.1	1 kit	524,25	419,25
		50 preparations	20H7.2	1 kit	2221,50	1776,75
		250 preparations	20H7.3	1 kit	8054,65	6443,25
ROTI®Prep DNA & RNA	Kit for simultaneous isolation of DNA and RNA from different starting materials.	10 preparations	20H8.1	1 kit	524,25	419,25
		50 preparations	20H8.2	1 kit	2140,90	1712,25
		250 preparations	20H8.3	1 kit	7659,40	6127,50
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	419,25	335,25
		50 preparations	1YTK.2	1 kit	1653,00	1322,25
		250 preparations	1YTK.3	1 kit	6692,25	5353,50
ROTI®Prep Genomic DNA MINI	Kit for isolation of genomic DNA from tissues, rodent tails, FFPE tissues, buccal swabs, cell cultures.	10 preparations	8472.1	1 kit	447,75	357,75
		50 preparations	8472.2	1 kit	1479,75	1183,50
		250 preparations	8472.3	1 kit	5361,75	4289,25
ROTI®Prep Blood Genomic DNA MINI	Kit for isolation of DNA from whole blood	10 preparations	8620.1	1 kit	491,25	392,65
		50 preparations	8620.2	1 kit	1572,40	1257,75
		250 preparations	8620.3	1 kit	5555,25	4443,75
ROTI®Prep Plasmid MINI-XL	Kit for easy isolation of plasmids from up to 15 ml bacterial culture.	10 preparations	8546.1	1 kit	423,40	338,65
		50 preparations	8546.2	1 kit	1136,25	908,65
		250 preparations	8546.3	1 kit	4507,15	3605,25
ROTI®Prep PCR Purification	Kit for concentration and purification of PCR products.	10 preparations	8503.1	1 kit	358,90	286,90
		50 preparations	8503.2	1 kit	918,40	734,25
		250 preparations	8503.3	1 kit	2733,40	2186,25
ROTI®Prep Gel Extraction	Kit for DNA extraction from agarose gels.	10 preparations	8510.1	1 kit	358,90	286,90
		50 preparations	8510.2	1 kit	918,40	734,25
		250 preparations	8510.3	1 kit	2733,40	2186,25
ROTI®Prep Viral RNA/DNA MINI	Kit for isolation of viral DNA and RNA.	10 preparations	8547.1	1 kit	447,75	357,75
		50 preparations	8547.2	1 kit	1854,40	1483,50
		250 preparations	8547.3	1 kit	6651,75	5321,25
ROTI®Prep Soil DNA	Kit for isolation of microbial DNA from soil samples.	10 preparations	20H9.1	1 kit	886,90	709,50
		50 preparations	20H9.2	1 kit	3063,75	2451,00
ROTI®Prep RNA MINI	Kit for RNA isolation from eukaryotic cells, tissues, bacteria, biopsies.	10 preparations	8485.1	1 kit	496,15	396,40
		50 preparations	8485.2	1 kit	2019,75	1615,50
		250 preparations	8485.3	1 kit	8054,65	6443,25

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



Electrophoresis · Staining & Documentation

Gel documentation system gelLITE **NEW**

Compact documentation system for imaging of agarose and PAGE gels.

The gelLITE gel documentation system is an economical and compact system for imaging agarose and PAGE gels.

For easy and intuitive image acquisition, the integrated genePIX software enables you to choose from a selection of pre-programmed protocols. A live preview and manual lens adjustment allow the optimal settings to be achieved quickly. The image can be edited through the software to achieve perfect contrasts and optimise the image display.

The geneQUANT software features pre-loaded DNA ladder standards, enabling simplified quantification of samples. An automated report creation ensures that your results are perfectly documented.



General properties:

- 3 MP camera
- Capture software: genePIX Image Capture
- Analysis software: geneQUANT Image Analysis
- Image storage formats: SGD, BMP, TIFF, JPEG
- UV safety switch (when opening the door)

Application:

- Fluorescence and methylene blue stained agarose gels
- Imaging of Coomassie-stained protein gels
- Quantification of DNA in agarose gels
- Autoradiograph Imaging
- Imaging of GFP-expressing plants
- Counting of colony plates

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.	DKK	DKK
UV transilluminator and white light converter	1Y4L.1	1 unit(s)	51890,25	44106,75
UV transilluminator, white and blue light converter	1Y4N.1	1 unit(s)	55171,90	46895,65
UV transilluminator	1Y4P.1	1 unit(s)	48480,00	41207,65
UV transilluminator and blue light converter	1Y4T.1	1 unit(s)	53760,75	45696,40

-20%

ready-to-use

SYBR® Green DNA dye

11x conc., for electrophoresis, ready-to-use

For fluorescent staining of nucleic acids in agarose and polyacrylamide gels.

1.8 ml are sufficient for gel run and staining of approx. 3,600 lanes (5 µl sample + 0.5 µl dye).

- Recommended for dsDNA
- Direct addition to DNA sample
- For excitation with UV light and blue light
- Non-toxic alternative for ethidium bromide
- Sensitivity (0,01 ng/band)

Storage temperature: -20 °C

Transport temperature: ambient temp.

Each batch is functionally tested for its suitability in electrophoresis.

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
1CN2.1	1 x 1.8 ml	1.8 ml	plastic	201,00	160,15
1CN2.2	5 x 1.8 ml	9.0 ml	plastic	781,50	624,75

-20%

ready-to-use

ROTI®Blue

5x conc.

Colloidal Coomassie® staining solution for protein gels.

ROTI®Blue is a colloidal Coomassie® brilliant blue G250 staining agent for proteins in polyacrylamide gels. Its colloidal features enable the staining agent to be bound to the proteins with high specificity and only minimally to the gel matrix. There is no longer any need for the extensive washing steps for background decoloring.

- Most simple application
- No destaining necessary
- 5x more sensitive than Coomassie® R 250

1 l concentrated solution is sufficient for approx. 50 mini gels.

Storage temperature: +15 to +25 °C

Transport temperature: ambient temp.

Warning H290

Art. No.	Pack Qty.	Pack.	DKK	DKK
A152.2	250 ml	plastic	294,40	235,15
A152.1	1 l	plastic	858,75	686,65

Enzymes · Topseller **-20 %**

Proteinase K

DNase-free

RNase-free

≥30 mAnson U/mg, lyophilized

Proteinase K (from *Tritirachium album*) is a non-specific protease of the serine protease family.

Proteinase K is used for the cleavage of proteins in nucleic acid preparations. It is mainly used in nucleic acid purification or for the removal of nucleases.

Proteinase K is active under a wide range of reaction conditions, including elevated temperatures and presence of SDS.

Non-specific protease for degrading proteins in biological samples. Isolated from fungi (*Tritirachium album*).

A non-specific endopeptidase with strong proteolytic activity for degrading proteins in biological samples. A quality product for molecular biology with a broad scope of application.

Directions for use

Working solution: 50 µg/ml

Reaction buffer: 50 mM Tris-HCl; pH 7.5; 5 mM CaCl₂; 0.5 % SDS

Stock solution:

20 mg/ml in water. Storage temperature (stock solution): -20 °C.

Art. No. 7528.3:

A The stock solution (20 mg/ml) can be prepared directly in the bottle.



Storage temperature: +4 °C

Danger H315-H317-H319-H334-H335

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
7528.1	1 x 100 mg	100 mg	glass	879,00	702,75
7528.5	1 x 250 mg	250 mg	glass	1659,00	1322,25
7528.2	1 x 500 mg	500 mg	glass	2975,25	2379,75
7528.3	in 30 ml glass vial	500 mg	glass	3265,50	2612,25
7528.4	1 x 1 g	1 g	glass	4910,25	3927,75
7528.6	1 x 5 g	5 g	glass	19551,75	15641,25



Lysozyme

≥45 000 FIP U/mg, lyophilized

From chicken egg white, free from albumin.

Storage temperature: -20 °C

Transport temperature: ambient temp.

Danger H334

Art. No.	Pack Qty.	Pack.	DKK	DKK
8259.1	1 g	glass	273,40	218,25
8259.2	10 g	glass	1411,15	1128,75
8259.3	25 g	glass	2814,00	2250,75

Papain

>30 000 USP-U/mg, for biochemistry

Made from *Carica papaya*.

Stock solution: 10 mg/ml in water

Storage temperature: +4 °C

Danger H315-H319-H334-H335

Art. No.	Pack Qty.	Pack.	DKK	DKK
8933.1	25 g	plastic	483,00	385,90
8933.2	100 g	plastic	1930,50	1064,25

Pepsin

≥2 000 FIP-U/g, for biochemistry

From porcine gastric mucosa. For detection of trichina in meat.

Storage temperature: +4 °C

Danger H315-H319-H334-H335

Art. No.	Pack Qty.	Pack.	DKK	DKK
KK38.1	50 g	plastic	584,65	467,65
KK38.2	100 g	plastic	969,75	770,65
KK38.3	250 g	plastic	2088,40	1670,25
KK38.4	1 kg	plastic	7861,15	6288,75

Trypsin

5.000 USP-U/mg

Serine protease isolated from porcine pancreas, lyophilized.

Storage temperature: -20 °C

Transport temperature: ambient temp.

Danger H315-H319-H334-H335

Art. No.	Pack Qty.	Pack.	DKK	DKK
2193.1	100 mg	glass	938,65	270,75
2193.2	500 mg	glass	1201,50	960,75
2193.3	5 g	glass	11199,00	8958,75

Zymolyase® 100T

≥100 U/mg, for biochemistry and molecular biology

For lysis of yeast cells. Isolated from *Arthrobacter luteus*.

Storage temperature: +4 °C

Transport temperature: cooled

Art. No.	Pack Qty.	Pack.	DKK	DKK
9329.1	100 mg	glass	2640,75	1848,00
9329.2	500 mg	glass	8344,90	5841,00

-30 %

Zymolyase® 20T

≥20 U/mg, for biochemistry and molecular biology

For lysis of yeast cells. Isolated from *Arthrobacter luteus*.

Storage temperature: +4 °C

Transport temperature: cooled

Art. No.	Pack Qty.	Pack.	DKK	DKK
9324.1	100 mg	glass	745,90	596,65
9324.2	500 mg	glass	2108,65	1686,40
9324.3	1 g	glass	3668,65	2934,75



Cell Analysis **-20%**



ROTITEST[®]Vital **S** ready-to-use

Cell proliferation test solution

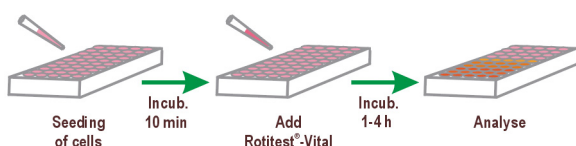
Rapid and simple test system for non-radioactive quantitation of proliferating cells. Also well suitable for cytotoxicity assays.

Optimum replacement for MTT:

- Cells keep on being vital
- Most simple handling
- One-component-system without radioactivity
- For adherent and suspension cells
- Photometric result in 1 to 4 hours
- Strong correlation between absorbance and cell number
- Suitable for every culture media

ROTITEST[®] Bio Analysis, sterile, ready-to-use

Colorimetric test solution for evaluation of cell proliferation and -viability. Non toxic.



Mechanism

Sensitivity of the tetrazolium salt used is higher than that known for standard reagents such as MTT, XTT, MTS, or WST-1. Results were shown to be of highly stringent correlation with [³H]-thymidine incorporation assays, therefore representing viability as well as proliferation status of the cells (Tominaga *et al.*, *Anal. Commun.* 1999 (36) 47-50). In all living cells, NADH and NADPH are formed by the respiratory chain. ROTITEST[®]vital is based on the (colourless) WST-8, which functions as acceptor for the NADH/NADPH dehydrogenase while being reduced to (coloured) formazan during the process.

Directions for use

The test solution is added directly to the cultivated cells in 96wells. During incubation for few hours, a water-soluble formazan dye is produced by viable cells, and is released into the surrounding medium. The resulting orange colour is measured photometrically (approx. 450 nm). Also suitable for culture media containing phenol red.

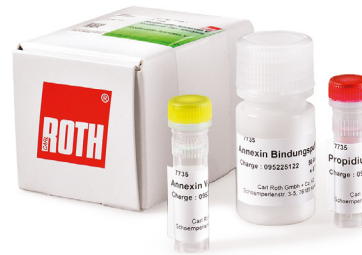
Each package contains simple-to-follow instructions-for-use.

Stable at ambient temperature. Very stabile when being cooled. Store protected from light. Do not freeze.

1 ml is sufficient for 100 measurements.

Storage temperature: +4 °C

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
0069.3	1 x 1 ml	1 ml	plastic	588,00	469,90
0069.1	1 x 5 ml	5 ml	plastic	1632,75	1306,15
0069.2	4 x 5 ml	20 ml	plastic	4910,25	3927,75



ROTITEST[®]Annexin V **ready-to-use**

Rapid and simple detection system of apoptotic cells, with simultaneous differentiation of necrotic cells.

Mechanism

During the first stages of apoptosis, phosphatidylserine (PS) is translocated from the inner membrane layer to the outer surface of the cell. The ROTITEST[®]Annexin V Kit uses the Ca²⁺ dependent binding efficiency of Annexin V to PS in order to label cells with damaged cell membranes. Additionally, propidium iodide is used to counter stain nuclei of cells with opened membranes, hence those which undergo necrotic degradation.

Thus, cells with yellow-green membrane staining only can be identified as apoptotic, while double stained cells (with yellow-green membranes plus orange-red nuclei) are classified as necrotic. Analysis is performed via flow cytometry or fluorescence microscopy.

- Simple, rapid application
- For adherent and suspension cells
- For cultured and primary cells (also for yeast cells)
- Discriminating between apoptotic and necrotic cells
- Result in approx. 30 minutes

Each package contains simple-to-follow instructions-for-use.

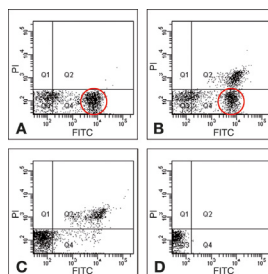


Figure 1:

Flow cytometry analysis of Jurkat cells. Assayed using 5×10^5 cells in 500 μ l Annexin binding buffer, 25 μ l Annexin V-FITC conjugate and 25 μ l propidium iodide solution, 15 min. RT.

FITC-A: FITC staining (binding of Annexin-FITC conjugate), PE-A: Propidium iodide staining

A,B) Cells after induction of apoptosis by Staurosporin, under pure annexin-FITC staining (A) or under annexin-FITC / PI staining (B), respectively. C,D) Uninduced control cells under annexin-FITC / PI staining (C) and without staining (D), respectively.

Due to the binding of Annexin V to PS on the outer membrane surface, apoptotic cells are Annexin-FITC positive, but PI negative (Q4, circle). Q3 displays healthy cells (neg/neg), Q2 necrotic cells (Annexin-FITC pos and PI pos). Cells in Q1

The kit contains:

Annexin V-FITC conjugate, propidium iodide solution, Annexin V binding buffer, detailed instructions-for-use.

Excluding the columns, contents of this Kit may not be bought separately.

Store protected from light.

1 set is sufficient for analysis of 50 samples of 10^5 cells each

Storage temperature: +4 °C

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
7735.1	approx. 50 assays	1 kit	cardboard	4927,15	1541,25

Media for Molecular Biology

Powdered media

-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	512,25	409,50
X968.2	1 kg	plastic	959,65	767,25
X968.3	2.5 kg	plastic	2035,90	1628,65
X968.4	5 kg	plastic	3809,65	3047,65

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	644,25	514,90
X969.2	1 kg	plastic	1189,50	951,40
X969.3	2.5 kg	plastic	2701,15	2160,75
X969.4	5 kg	plastic	5119,90	4095,75



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

Water solubility: soluble

Art. No.	Pack Qty.	Pack.	DKK	DKK
X964.1	500 g	plastic	584,65	467,65
X964.2	1 kg	plastic	1028,25	822,40
X964.3	2.5 kg	plastic	2298,00	1838,25
X964.4	5 kg	plastic	4265,25	3411,75

LB Agar (Lennox) for molecular biology

Application: Use 35 g for 1 l agar.

5 g/l NaCl

Water solubility: soluble

Art. No.	Pack Qty.	Pack.	DKK	DKK
X965.1	500 g	plastic	724,90	579,40
X965.2	1 kg	plastic	1383,00	1105,90
X965.3	2.5 kg	plastic	3184,90	2547,75



Terrific Broth for molecular biology

Nutritious 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	657,40	525,40
X972.2	1 kg	plastic	1169,25	935,25
X972.3	2.5 kg	plastic	2459,25	1967,25
X972.4	5 kg	plastic	4507,15	3605,25

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	636,40	508,50
X966.2	1 kg	plastic	1132,90	906,00
X966.3	2.5 kg	plastic	2560,15	2047,90

Granulated Media

-25 %

Benefits of granulated Media:

- Dust minimized
- High solubility



LB Broth (Luria/Miller) granulated, for molecular biology

Standard formulation used for propagation and culturing of *E. coli*. Due to the high salt content particularly suited for bacterial proliferation prior to plasmid preparation.

Application: Use 25 g for 1 l broth.

10 g/l NaCl

Art. No.	Pack Qty.	Pack.	DKK	DKK
6673.1	500 g	plastic	778,15	583,15
6673.2	1 kg	plastic	1468,65	1097,25
6673.3	2.5 kg	plastic	3184,90	2388,40
6673.4	5 kg	plastic	5926,15	4444,15



LB Broth (Lennox) granulated, for molecular biology

Standard formulation used for propagation and culturing of *E. coli*. With low salt quantity for the recovery of plasmids and for phage amplification after addition of magnesium chloride.

Granulated, dust-minimized version with high solubility and superior homogeneity.

Application: Use 20 g for 1 l broth.

5 g/l NaCl

Water solubility: soluble

Art. No.	Pack Qty.	Pack.	DKK	DKK
6669.1	500 g	plastic	867,00	649,90
6669.2	1 kg	plastic	1528,15	1145,65
6669.3	2.5 kg	plastic	3447,00	2584,90
6669.4	5 kg	plastic	6490,15	4822,15



Terrific Broth granulated, for molecular biology

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

Granulated, dust-minimized version with high solubility and superior homogeneity.

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
3556.1	500 g	plastic	850,90	637,50
3556.2	1 kg	plastic	1528,15	1145,65
3556.3	2.5 kg	plastic	3325,90	2494,15
3556.4	5 kg	plastic	6168,00	4625,65



Antibiotics for Microbiology

Antibiotics/Antimycotics

-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	217,15	173,25
K029.4	25 g	plastic	399,40	319,15
K029.5	50 g	plastic	700,90	560,25
K029.2	100 g	plastic	1201,50	960,75
K029.3	250 g	plastic	2572,15	2057,25

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	281,65	224,65
6344.2	5 g	plastic	644,25	514,90
6344.4	10 g	glass	1189,50	951,40
6344.3	25 g	plastic	2814,00	2250,75

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	878,25	702,00
2475.2	100 ml	plastic	2781,75	2225,25

Kanamycin ≥750 I.U./mg, for biochemistry

Bacteriostatic antibiotic
Storage temperature: +4 °C
Transport temperature: ambient temp.

Danger H360D

Art. No.	Pack Qty.	Pack.	DKK	DKK
T832.1	5 g	plastic	208,90	166,90
T832.5	10 g	glass	318,75	254,65
T832.2	25 g	plastic	588,00	469,90
T832.3	50 g	plastic	969,75	770,65
T832.4	100 g	plastic	1632,75	1306,15

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	588,00	469,90
2039.2	20 ml	plastic	805,50	643,90
2039.3	100 ml	plastic	3265,50	2612,25

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	402,40	321,40
3011.2	100 mg	plastic	942,75	753,75
3011.3	1 g	plastic	4829,65	3863,25

Ready-Made Media with antibiotica

-25%



S ready-to-use

ROTI®ContiPlate RBC ready-to-use, sterile, for microbiology

For counting yeasts and moulds on surfaces.

Contact plates · Ready-made media · Media plates · RBC Agar · Ready-made plate yeasts and moulds

The Bengal Red Agar (with chloramphenicol) (Art. No. AE24) is recommended for enumeration of yeasts and moulds.

Expiration time on request.

Do NOT freeze!

Storage temperature: +4 to +15 °C

Transport temperature: cooled

Art. No.	Pack Qty.	Pack.	DKK	DKK
9632.1	30 unit(s)	box	685,50	513,75

S ready-to-use

ROTI®DipSlide CASO-TTC/RBCentr ISO 11133, ready-to-use, sterile, for microbiology

For total germ count and for detection of yeasts and moulds in solution or on surface. Suitable for analysis of water-mixable cooling lubricants, air conditions, water-soluble paint, and cosmetics.

Side 1 (CASO-TTC): Tryptic Soy Agar (CASO) (Ph. Eur.) (Art. No. X937) for reliable total germ count.

Side 2 (RBCentr): enriched Bengal Red Agar (with antibiotics) for detection of yeasts and moulds.

Expiration time on request.

Do NOT freeze!

Storage temperature: +4 to +15 °C

Transport temperature: cooled

Art. No.	Pack Qty.	Pack.	DKK	DKK
3934.1	20 unit(s)	box	595,90	446,65

S ready-to-use

ROTI®Plate90 Sab4Clia Ph. Eur., ISO 11133, ready-to-use, sterile, for microbiology

Selective medium for isolation of fungi according to European Pharmacopoeia.

Sabouraud 4% glucose agar with chloramphenicol is recommended by Ph. Eur. for testing for the presence of fungi by the membrane filter method, and for counting fungal colonies on agar plates or by the dilution method (MPN method).

Expiration time on request.

Do NOT freeze!

Storage temperature: +4 °C

Transport temperature: cooled

Art. No.	Pack Qty.	Pack.	DKK	DKK
1LNY.1	10 unit(s)	box	165,40	123,75



Reagents BioScience Grade **-20 %**

For research and routine assays in biochemistry & molecular biology

Product name	Purity	Art. No.	Pack Qty.	DKK	DKK
Acrylamide, BioScience	≥99 %, BioScience Grade, 4x cryst.	0189.1	100 g	442,90	353,65
		0189.2	500 g	1713,40	1370,65
Agar-Agar, BioScience	BioScience Grade, powdered	6494.1	250 g	555,75	444,00
		6494.2	500 g	955,50	764,25
		6494.3	1 kg	1733,65	1386,75
		6494.4	2.5 kg	3862,15	3089,25
		1347.1	250 g	673,50	538,50
Agar-Agar, BioScience, granulated	BioScience Grade, granulated TIP	1347.2	500 g	1201,50	960,75
		1347.3	1 kg	2197,15	1757,65
		1347.4	2.5 kg	4797,40	3837,75
		T846.1	10 g	238,15	190,15
Agarose Broad Range	BioScience Grade	T846.2	100 g	1221,75	976,90
		T846.3	500 g	5232,75	4185,75
		6368.1	500 mg	346,15	276,40
5-Bromo-4-chloro-3-indolyl phosphate <i>p</i> -toluidine salt	≥99 %, BioScience Grade	6368.2	1 g	681,40	544,90
		6368.3	5 g	2539,90	2031,75
Denhardt's solution, lyophilised powder	50x, BioScience Grade, for molecular biology	HP33.1	50 ml	842,65	673,90
Dimethyl sulphoxide (DMSO)	≥99,5 %, BioScience Grade, nuclease free -30 %	A994.1	100 ml	208,90	145,90
		A994.2	250 ml	354,00	247,50
Formamide, deionized	≥99,5 %, BioScience Grade, RNase/DNase free	P040.1	250 ml	434,65	347,25
		P040.2	500 ml	665,25	532,15
HEPES	≥99,5 %, BioScience Grade	6763.1	100 g	346,15	276,40
		6763.2	500 g	1362,75	1089,75
		6763.3	1 kg	2330,25	1863,75
Hygromycin B solution	50 mg/ml in PBS, BioScience Grade, sterile, ready-to-use TIP	1287.1	10 ml	947,65	757,90
		1287.2	20 ml	1572,40	1257,75
Polysucrose 400	BioScience Grade, for molecular biology	4668.1	10 g	262,15	209,65
		4668.2	25 g	588,00	469,90
		4668.3	100 g	2007,75	1605,75
Proteinase K	≥35 U/mg, BioScience Grade, lyophilised	3726.1	100 mg	1524,00	1218,75
		3726.2	1 g	6893,65	5514,75
ROTI®Hybri-Quick	BioScience Grade, ready-to-use, for molecular biology	A981.1	1 l	483,00	385,90
		A981.2	2.5 l	879,00	702,75
ROTI®Stock 10x PBS	10x conc., BioScience Grade, ready-to-use, sterile filtered	1058.1	1 l	1120,90	896,25
ROTI®Stock 10x PBST	10x conc., BioScience Grade, ready-to-use, sterile filtered -30 %	1059.1	1 l	1169,25	818,25
ROTI®Stock 20 % SDS	20 % SDS, BioScience Grade, ready-to-use, sterile filtered	1057.1	1 l	1330,50	1064,25
ROTI®Stock 20x SSC	20x conc., BioScience Grade, ready-to-use, steam sterilized	1054.1	1 l	641,25	512,65
ROTI®Stock 10x TBS	10x conc., BioScience Grade, ready-to-use, sterile filtered and steam sterilized	1060.1	1 l	1169,25	935,25
ROTI®Stock 10x TBST	10x conc., BioScience Grade, ready-to-use, sterile filtered and steam sterilized	1061.1	1 l	1169,25	935,25
ROTI®Stock 100x TE	100x conc., BioScience Grade, ready-to-use, steam sterilized	1052.1	1 l	786,40	628,90
TRICINE	≥99 %, BioScience Grade	6977.1	50 g	257,25	205,50
		6977.4	250 g	1008,00	806,25
		6977.2	500 g	1846,50	1476,75
		6977.3	1 kg	3297,75	2637,75
		6977.5	2.5 kg	6442,15	5153,25
Water	BioScience Grade, DEPC treated, sterile, nuclease-free, autoclaved TIP	T143.4	50 x 1 ml in tubes	927,40	741,75
		T143.6	50 x 1 ml in glass breaker ampoules	1008,00	806,25
		T143.5	100 ml	254,25	202,90
		T143.1	250 ml	241,15	192,40
		T143.2	500 ml	302,65	241,90
		T143.3	1 l	415,50	331,90

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

► Many technical data and additional information in the current catalog or at www.carlroth.com

FRISENETTE



Phone

+45 86 34 22 44 · roth@frisenette.dk

