



Life Science TOP Offers



Microbiological ready-to-use Nutrient Media **-20 %**

ROTI®Plate90 ready-to-use

Product name	Purity	General application	Art. No.	Pack Qty.	DKK	DKK
ROTI®Plate90 CASO	Ph. Eur., ISO 11133, ready-to-use, sterile, for microbiology	For the cultivation of non-demanding microorganisms.	1ATX.1	10 unit(s)	133,15	106,15
ROTI®Plate90 TSA 4N	Ph. Eur., USP, JP, ISO 11133, ready-to-use, sterile, for microbiology	For monitoring microbial contamination.	1K21.1	10 unit(s)	238,15	190,15



ROTI®DipSlides

Product name	General application	Art. No.	Pack Qty.	DKK	DKK
ROTI®DipSlide CASO-TTC/RBCenr	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.	3934.1	20 unit(s)	620,25	495,75
ROTI®DipSlide PCA/Legionella	For total germ count and for detection of legionells in solution or on surface.	2493.1	20 unit(s)	620,25	495,75



CompactDry™

Product name	General application	Art. No.	Pack Qty.	DKK	DKK
CompactDry™ TC	Ready-made plates with anhydrous chromogenic nutrient medium for total germ count.	4816.1	40 unit(s)	741,00	592,50
		4816.2	240 unit(s)	3.620,25	2.895,75
CompactDry™ Swab -25 %	All-in-one set of swab and nutrient broth for microbiological sampling of surfaces.	225K.1	50 unit(s)	1.653,00	1.239,40
		225K.2	250 unit(s)	5.071,50	3.803,25
		225K.3	500 unit(s)	8.264,25	6.198,00



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



ROTH for Future – **-20%** the Sustainable Alternative at Carl ROTH

S ready-to-use

ROTI®Cell Accutase solution

CELLPURE® 1x in DPBS, ready-to-use, sterile, with phenol red, with EDTA

Cell dissociation solution

For gentle detachment of adherent cells from culture surfaces.

-15%

Advantages:

- Reduced cell stress with maximum recovery and yield
- Surface proteins remain intact
- No neutralization step required
- Without mammalian components

Stable at +2 °C to +8 °C for two months. Does not need to be aliquoted.

Art. No.	Pack Qty.	Pack.	DKK	DKK
1Y18.1	100 ml	plastic	595,90	506,25



ROTI®Fair PBS 7.4 tablets

PBS (tablet), Phosphate buffered saline

Exactly pre-weighed tablets for convenient and rapid preparation of PBS solution.



Product name	Batch quantity	pH value	Art. No.	Pack Qty.	DKK	DKK
ROTI®Fair PBS 7.4	500 ml/tablet	7,4 ±0,05	1111.1	12 unit(s)	499,15	399,00
			1111.2	100 unit(s)	2.007,75	1.605,75
	1000 ml/tablet	7,4 ±0,05	1112.1	10 unit(s)	741,00	592,50
			1112.2	100 unit(s)	3.620,25	2.895,75

ready-to-use

ROTI®Histofix ECO Plus

SOLVAGREEN® ready-to-use, formalin-free

For fixing of histological and immunochemical specimens. Formalin substitute.

ROTI®Histofix ECO Plus is a ready-to-use, aqueous solution on the basis of hexamethylene tetramine. The solution has similar good fixation properties like formaldehyde, but is, unlike formaldehyde, classified as non-toxic.

Warning H317

Not a medical device / Not an IVD product

Art. No.	Pack Qty.	Pack.	DKK	DKK
8907.1	500 ml	plastic	149,25	119,25
8907.2	2.5 l	plastic	463,90	370,90
8907.3	5 l	plastic	879,00	702,75



ready-to-use

Decalcifier soft

SOLVAGREEN® ready-to-use, for histology

Decalcifier solution on base of EDTA. Used for gentle decalcification of bones and other calcified tissues. The solution is also suitable for immunological applications.

The solution contains 25 % EDTA.

Danger H290-H314-H373

Not a medical device / Not an IVD product

Art. No.	Pack Qty.	Pack.	DKK	DKK
6484.1	500 ml	glass	249,40	199,15
6484.2	1 l	glass	378,40	302,25
6484.3	2.5 l	plastic	620,15	502,15
6484.4	5 l	plastic	1.120,90	896,25



ready-to-use

ROTICLEAR®

ROTICLEAR® ready-to-use, for histology

Clearing agent of aliphatic hydrocarbons, practically free from aromatic compounds. For dewaxing of histological sections. Alternative product for xylene.

Please contact us for your free sample!

Danger H226-H304-H336-H412-EUH066

Art. No.	Pack Qty.	Pack.	DKK	DKK
A538.1	1 l	glass	165,40	132,00
A538.5	2.5 l	glass	318,75	254,65
A538.6	5 l	aluminium	523,50	418,15
A538.2	10 l	tinplate	959,65	767,25
A538.3	25 l	tinplate	1.927,15	1.541,25
A538.4	200 l	barrel	10.400,65	8.320,50



ready-to-use

ROTI®Histol

ready-to-use, for histology

Clearing agent on the basis of limonene. For dewaxing of histological sections.

- Clearing agent on the basis of limonene
- **Alternative product for xylene**
- Particularly suitable for histological work by hand
- Compatible with the mounting medium ROTI®Histokitt

Please contact us for your free sample!

Danger H226-H304-H315-H317-H411

Art. No.	Pack Qty.	Pack.	DKK	DKK
6640.1	1 l	glass	358,90	286,90
6640.4	2.5 l	glass	729,75	583,50
6640.5	5 l	aluminium	1.330,50	1.064,25
6640.2	10 l	tinplate	2.459,25	1.967,25
6640.6	25 l	tinplate	5.442,40	4.353,75





Enzymes · Topseller **-20%**

Proteinase K

DNase-free

RNase-free

Endopeptidase

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.



Proteinase K

-25%

NEW

≥30 U/mg, lyophilized

Directions for use

The recommended working concentration: 50-100 µg/ml for protein and up to 2 mg/ml for tissue treatment.

Recommended stock solution: 20 mg/ml in water.

Storage in aliquots at -20 °C.

⚠️ ⚠️ **Danger** H315-H317-H319-H334-H335

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
23NX.6	1 x 25 mg	25 mg	glass	201,00	150,40
23NX.1	1 x 100 mg	100 mg	glass	628,15	470,65
23NX.2	1 x 500 mg	500 mg	glass	2.378,65	1.783,50
23NX.5	in 30 ml glass vial	500 mg	glass	2.572,15	1.928,65
23NX.3	1 x 1 g	1 g	glass	3.910,50	2.932,15
23NX.4	1 x 5 g	5 g	glass	15.681,75	11.755,15

Also available in

... BioAnalysis Grade

Proteinase K

≥30 mAnson U/mg, BioAnalysis Grade, lyophilized

⚠️ ⚠️ **Danger** H315-H317-H319-H334-H335

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
7528.1	1 x 100 mg	100 mg	glass	902,25	721,50
7528.5	1 x 250 mg	250 mg	glass	1.685,25	1.347,75
7528.2	1 x 500 mg	500 mg	glass	3.055,90	2.444,25
7528.3	in 30 ml glass vial	500 mg	glass	3.346,15	2.676,75
7528.4	1 x 1 g	1 g	glass	5.039,25	4.031,25
7528.6	1 x 5 g	5 g	glass	20.116,15	16.092,75

... BioScience Grade

Proteinase K

≥35 U/mg, BioScience Grade, lyophilized

⚠️ ⚠️ **Danger** H315-H317-H319-H334-H335

Art. No.	Pack Qty.	Pack.	DKK	DKK
3726.1	100 mg	glass	1.604,65	1.283,25
3726.2	1 g	glass	7.135,50	5.708,25

... or as a Solution

Proteinase K – Solution

S

ready-to-use

20 mg/ml, sterile, ready-to-use, for biochemistry and molecular biology

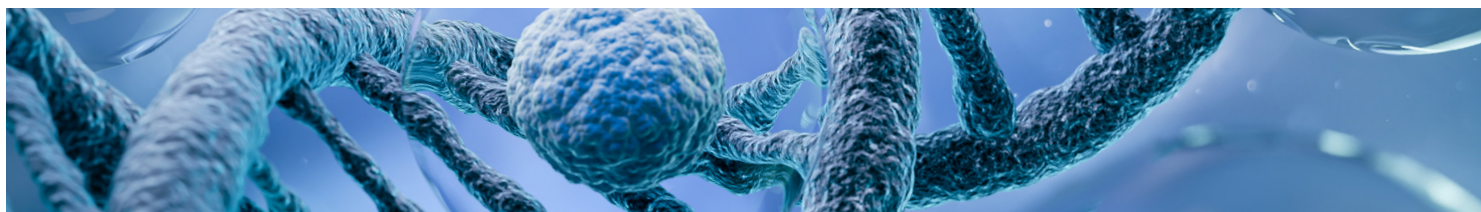
⚠️ ⚠️ **Danger** H317-H334

Art. No.	Pack Qty.	Pack.	DKK	DKK
3719.1	1 ml	glass	313,90	250,50
3719.2	5 ml	glass	1.249,90	999,75

Product name	Purity	General application	Art. No.	Pack Qty.	DKK	DKK
Catalase	≥11 700 U/mg material (approx. 40 000 U/mg protein)	From bovine liver, freeze-dried	6025.1	1 unit(s)	2.620,50	2.096,25
Elastase	NEW ≥200 U/mg, lyophilized	From porcine pancreas.	258E.1	10 mg	685,50	548,25
			258E.2	25 mg	1.491,75	1.193,25
			258E.3	100 mg	4.998,75	3.999,00
Hyaluronidase	NEW ≥1000 U/mg, lyophilized	From ovine testes.	257K.1	50 mg	921,75	256,90
			257K.2	100 mg	563,65	450,40
			257K.3	500 mg	2.249,65	1.799,25
Lysozyme	≥45 000 FIP U/mg, lyophilized	From chicken egg white, free from albumin.	8259.1	1 g	286,50	228,75
			8259.2	10 g	1.443,40	1.154,25
			8259.3	25 g	2.943,00	2.354,25
Papain	-25% >30 000 USP-U/mg, for biochemistry	Made from <i>Carica papaya</i> .	8933.1	25 g	499,15	373,90
			8933.2	100 g	1.362,75	1.021,90
Pepsin	≥2 000 FIP-U/g, for biochemistry	From porcine gastric mucosa. For detection of trichina in meat.	KK38.1	50 g	609,00	486,75
			KK38.2	100 g	1.008,00	806,25
			KK38.3	250 g	2.169,00	1.734,75
			KK38.4	1 kg	8.135,25	6.507,75
Trypsin	5.000 USP-U/mg	Serine protease isolated from porcine pancreas, lyophilized.	2193.1	100 mg	402,40	321,40
			2193.2	500 mg	1.572,40	1.257,75
			2193.3	5 g	14.109,40	11.287,50
Urease	~1 U/mg, for biochemistry	From jack beans <i>Canavalia ensiformis</i> .	7537.1	5 g	1.572,40	1.257,75
Zymolyase® 20T	≥20 U/mg, for biochemistry and molecular biology	For lysis of yeast cells. Isolated from <i>Arthrobacter luteus</i> .	9324.1	100 mg	773,25	618,40
			9324.2	500 mg	2.169,00	1.734,75
			9324.3	1 g	3.781,50	3.024,75

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

Basics for DNA Extraction

-20%


ROTI®SampleConcentrator Water **NEW**

for molecular biology

Kit for the concentration of microorganisms and biomolecules from water.

Concentration is based on a novel technology in which the water contained in the sample is specifically absorbed by means of special SCW beads.

Application examples:

- Isolation of DNA and RNA
- Cultivation of microorganisms
- Flow cytometry
- Immunological methods (lateral flow test, ELISA)
- Microscopy and spectroscopy

The kit contains:

SCW Beads (1 g), SCW Beads (2 g), PBS, detailed instructions

Not a medical device / Not an IVD product

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
20N4.1	10 preparations	1 kit	cardboard	536,25	428,65
20N4.2	50 preparations	1 kit	cardboard	2.007,75	1.605,75

ROTI® SampleLyse Microbes Special

Carl ROTH.

For homogenisation of various microorganisms, spores or environmental samples.

Recommended application(s):

- Microorganisms: Yeasts, fungi, algae, bacteria, spores
- Environmental samples: Soil, faeces

Properties:

- Vessel volume: 2 ml
- Bead material: ceramic (0.4-0.6 mm & 1.4-1.6 mm)

Volume (ml)	Ø Ball (mm)	Art. No.	Pack Qty.	DKK	DKK
to 2	0,4-1,6	1YKK.1	10 unit(s)	294,40	235,15
to 2	0,4-1,6	1YKK.2	50 unit(s)	1.201,50	960,75
to 2	0,4-1,6	1YKK.3	100 unit(s)	2.157,00	1.725,40
to 2	0,4-1,6	1YKK.4	250 unit(s)	4.797,40	3.837,75



S **ready-to-use** **DNase-free** **RNase-free**

Water

BioScience Grade, DEPC treated, sterile, nuclease-free, autoclaved

For molecular biology.

Distilled water mixed with DEPC and steam sterilised. By DEPC Histidin residues in proteins are modified to *N*-carboxy histidin, resulting in inhibition of RNases and DNases. DEPC decomposes to CO₂ and ethanol during sterilisation.

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
T143.4	50 x 1 ml in tubes	50 ml	plastic	959,65	767,25
T143.6	50 x 1 ml in glass breaker ampoules	50 ml	glass ampoule	1.040,25	831,75
T143.5	5 x 20 ml	100 ml	glass	254,25	202,90
T143.1	1 x 250 ml	250 ml	glass	241,15	192,40
T143.2	1 x 500 ml	500 ml	glass	302,65	241,90
T143.3	1 x 1 l	1 l	glass	415,50	331,90

ROTI®Prep gDNA Mini 2.0 **NEW**

for molecular biology

Kit for the isolation of genomic DNA from various starting materials such as bacteria, plants, fungi, cell cultures or blood.

- For DNA extraction from bacteria, fungi and eukaryotic cell, blood and tissue samples.
- Preparation in the well-established mini-column system
- Fast, simple and reliable
- Extraction time of approx. 8 min (without lysis step)
- Yield, depending on the starting material, of up to 65 µg gDNA

The kit contains:

Lysis Buffer LSV, Lysis Buffer LSN, Binding Buffer BR, Binding Buffer BSN, Proteinase K, RNase A (10 mg/ml), Washing Buffer WSO, Washing Buffer WSH (conc.), Washing Buffer WST (conc.), Elution Buffer EB, Centrifugation columns, Collection tubes, Elution tubes, detailed instructions.

Danger

H225-H315-H317-H318-H334-H335-H336-H410

Not a medical device / Not an IVD product

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
1YTK.1	10 preparations	1 kit	cardboard	442,90	353,65
1YTK.2	50 preparations	1 kit	cardboard	1.733,65	1.386,75
1YTK.3	250 preparations	1 kit	cardboard	6.893,65	5.514,75

ROTI®Nucleic Acid-free

-25%
ready-to-use

ready-to-use

For removal of nucleic acid contaminations from surfaces.

Decontamination solution · Nuclease Removal · Purification solution for surfaces

ROTI®Nucleic Acid-free was specifically designed for extensive removal of nucleic acid contaminations.

Being a mild reagent, ROTI®Nucleic Acid-free may be used on tables, laboratory devices, as well as on glass and plastic wares.

Warning H290-H315-H319

Art. No.	Pack Qty.	Pack.	DKK	DKK
HP69.1	500 ml	spray bottle	790,90	525,00
HP69.2	1 l	plastic	959,65	719,25
HP69.3	2.5 l	plastic	2.056,15	1.541,65

ROTI®Stock 100x TE **S** **ready-to-use**

100x conc., BioScience Grade, ready-to-use, steam sterilized

For molecular biology.

100x stock solution Tris/EDTA for DNA storage.

Common solution and storage buffer for DNA.

The included EDTA inhibits traces of DNases and thus protects your DNA from degradation. However, many other enzymes such as ligases will also be inhibited through the complexation of bivalent cations, therefore TE buffer should not be used as a solution buffer for cloning.

With original seal.

1.0 M Tris (pH 8.0), 100 mM EDTA (pH 8.0) in deionised water, steam sterilised.

Art. No.	Pack Qty.	Pack.	DKK	DKK
1052.1	1 l	glass	786,40	628,90



-20%

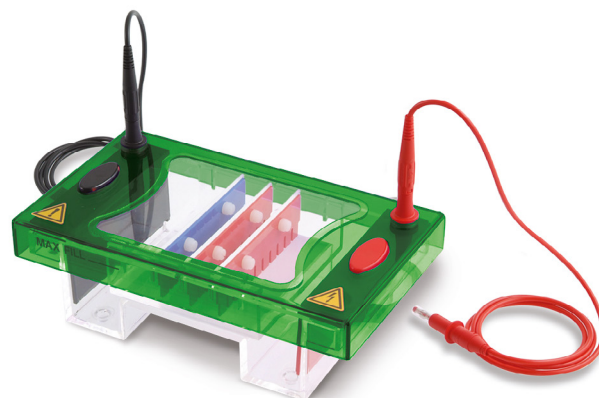
Basics for Agarose Gel Electrophoresis

Electrophoresis Unit ROTIPHORESE® PROfessional II

Carl ROTH.

Gel chamber PROfessional II – First choice for all rapid routine analyses

- Electrophoresis chamber with accessories – ready for use
- Gel casting outside the chamber with gel casting gates
- Gel width 10 cm
- Seven different combs available in four thicknesses, including preparative combs with broad wells
- Compatible with multi-channel pipettors (combs with 10 and 20 teeth)
- Gel trays with 7 and 10 cm length available
- For real-time electrophoresis upgradeable with ROTIPHORESE® PROfessional runVIEW Base MINI (Art. No. 9961.1)



Delivery incl. 1 horizontal gel chamber, 1 safety lid with integral power leads (4 mm plugs), 1 UV-transparent gel casting tray (10 × 10 cm) with 2 gel casting gates, 2 combs (1 mm, 16 teeth).

Type	Art. No.	Pack Qty.	DKK	DKK
PROfessional II	2799.1	1 unit(s)	4.474,90	3.579,75

DNase-free

RNase-free



NEW

ready-to-use

DNase-free

RNase-free

Agarose Standard

ROTI®Agarose for DNA/RNA electrophoresis

General agarose for routine gels, student's courses, and standard analyses (1 kb–20 kb).

Art. No.	Pack Qty.	Pack.	DKK	DKK
3810.1	10 g	plastic	168,75	134,65
3810.2	100 g	plastic	673,50	538,50
3810.5	250 g	plastic	1.330,50	1.064,25
3810.3	500 g	plastic	2.620,50	2.096,25
3810.4	1 kg	plastic	4.233,00	3.386,25

ready-to-use

ROTIPHORESE®50x TAE Buffer

ROTIPHORESE® 50x conc.

Running buffer in DNA agarose gel electrophoresis.

ROTIPHORESE®50x TAE Buffer contains 2 M Tris, 1 M acetic acid and 50 mM EDTA in distilled, deionised water; pH 8,5.

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
CL86.1	1 x 1 l	1 l	glass	584,65	467,65
CL86.3	1 x 2,5 l	2,5 l	glass	1.088,65	870,75
CL86.2	1 x 5 l	5 l	plastic	1.685,25	1.347,75

1 kbp DNA-Ladder

lyophilised, not prestained

Size range: 500-10000 bp

Number of fragments: 11

Number of lanes per 100 µg: approx. 200 (mini gels)

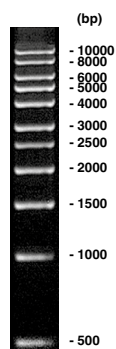
Markers (DNA-gels)

Universal ladder for electrophoretic separation of fragments between 500 bp and 10 kb.

DNA ladder in lyophilised form. Gel loading buffer (Art. No. 0100.1) for dissolving the DNA and subsequent application on gels is supplied.

Storage temperature: –20 °C

Transport temperature: ambient temp.



Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
Y014.1	50 µg	50 µg	plastic	367,15	293,25
Y014.2	4x 50 µg	200 µg	plastic	1.249,90	999,75

ROTI®GelStain Red Eco

10 000x conc., ready-to-use

Red fluorescent dye for non-toxic staining of nucleic acid in agarose and polyacrylamide gels.

ROTI®GelStain Red Eco is a versatile staining reagent for the detection of all nucleic acids in agarose and polyacrylamide gels.

Properties:

- Red fluorescence
- Alternative to ethidium bromide, non-toxic, non-mutagenic
- For staining of dsDNA, ssDNA and RNA
- Twice as sensitive as ethidium bromide (approx. 0.1 ng /band)
- Can be used with the common ethidium bromide filters
- Excitation with UV light (300 nm) and blue light (500 nm)
- Compatible with all common downstream applications

Not a medical device / Not an IVD product

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
223C.1	1 x 1 ml	1 ml	plastic	1.169,25	935,25
223C.2	5 x 1 ml	5 ml	plastic	5.523,00	4.418,25



ready-to-use

DNase-free

ROTI®Load DNA (with glycerol)

6x conc., DNase-free

DNA-gel loading buffer for DNA gel electrophoresis of routine gels.

Each batch is functionally tested for its suitability in electrophoresis and for DNase-freeness.

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
X904.1	5 x 1,8 ml	9 ml	plastic	394,50	315,00

Cell Biology · Transfection

-20 %**DOTAP****CELLPURE® ready-to-use, for transfection**

Purity, QC: Controlled by TLC, NMR, standard transfection test with HeLa-, CV-1-cells. At least 99 %

Stability: Minimum shelf-life 6 month at +4 °C

Culture media: Suitable for whole and serum-free media

Formulation

Transfection reagent DOTAP is an aqueous liposome formulation of N-[1-(2,3-Dioleoyloxy)]-N,N,N-trimethylammonium propane methyl sulphate.

Concentration is approx. 1 mg/ml.

Approx. 200 assays per ml in 24wells.

Storage temperature: +4 °C

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
L787.1	1 x 0,5 ml	0,5 ml	plastic	826,50	661,15
L787.2	1 x 1 ml	1 ml	plastic	1.443,40	1.154,25
L787.3	5 x 1 ml	5 ml	plastic	5.845,50	4.676,25

**ROTI®Fect****CELLPURE® ready-to-use, for transfection**

Reagent for liposoma-mediated transfection of eukaryotic cells.

- Highly efficient reproduction of DNA in mammal cells
- Excellent reproducibility
- High and wide operating plateau
- No inhibition through serum
- Low cell toxicity
- Successful with different cell lines
- Excellent transfection results

Approx. 400 assays per ml in 24wells. Dependent on the cell line used.

Storage temperature: +4 °C

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
P001.1	1 x 0,2 ml	0,2 ml	plastic	733,15	586,15
P001.2	1 x 0,5 ml	0,5 ml	plastic	1.572,40	1.257,75
P001.3	1 x 1 ml	1 ml	plastic	2.459,25	1.967,25
P001.4	5 x 1 ml	5 ml	plastic	10.884,40	8.707,50

**ROTI®Fect Plus****CELLPURE® ready-to-use, for transfection**

Reagent for transfection of all eukaryotic cells in culture, particularly suited for hard-to-transfect cell lines.

- Particularly low cell toxicity
- Superior transfection efficiency with all cell lines
- Especially recommended for hard-to-transfect cell lines
- Particularly suited for use with primary cells
- Excellent reproducibility
- No serum inhibition

Approx. 500 assays per ml in 24wells. Dependent on the cell line used.

Storage temperature: +4 °C

Art. No.	Packaging	Pack Qty.	Pack.	DKK	DKK
CL21.1	1 x 0,2 ml	0,2 ml	plastic	883,15	706,15
CL21.2	1 x 1 ml	1 ml	plastic	3.184,90	2.547,75





Histology

-20 %

Fixation

Product name	Purity	General application	Art. No.	Pack Qty.	DKK	DKK
Glutaraldehyde	50 %, in water, for electron microscopy	Fixative for electron microscopy	4995.1	500 ml	959,65	767,25
			4995.2	2.5 l	4.233,00	3.386,25
	25 %, in water, for electron microscopy	Fixative for electron microscopy	3778.1	1 l	684,75	547,15
			3778.2	5 l	2.894,65	2.315,25
	25 %, in water, for electron microscopy	Fixative for electron microscopy	4157.2	10 ml	668,65	534,40
			4157.1	25 ml	184,90	147,40
Osmium tetroxide	≥99,95 %, p.a., for electron microscopy	In sealed off glass ampoules.	8371.1	100 mg	529,50	418,15
			8371.2	500 mg	1.088,65	870,75
			8371.3	1 g	1.685,25	1.347,75
Osmium tetroxide solution	2 %, for electron microscopy	In sealed off glass ampoules.	7436.1	5 ml	402,40	321,40
	4 %, for electron microscopy	In sealed off glass ampoules.	8088.1	5 ml	636,40	508,50
ROTI®Fix spray fixative	-25 % ready-to-use, for cytology	For fixation of samples from cytological material.	CL85.1	100 ml	157,50	117,75

Not medical devices / Not IVD products. For safety information and additional data, see our current catalogue or at www.carlroth.com

Reagents

Product name	Purity	General application	Art. No.	Pack Qty.	DKK	DKK
Decalcifier standard	ready-to-use, for histology	Acid-based decalcifier. Contains trichloroacetic acid and formalin. Used for acid decalcification of bones and other calcified tissues.	6483.1	500 ml	241,15	192,40
			6483.2	1 l	362,25	289,15
			6483.3	2.5 l	588,00	469,90
			6483.4	5 l	1.040,25	831,75
HCl-ethanol solution	0,75 % HCl in ethanol, ready-to-use, for histology	Differentiating solution for histological staining.	9969.1	500 ml	157,50	125,65
			9969.2	1 l	254,25	202,90
			9969.3	5 l	867,00	693,40
	3 % HCl in ethanol, ready-to-use, for histology	Differentiating solution for histological staining	6477.1	500 ml	165,40	132,00
			6477.2	1 l	294,40	235,15
			6477.3	5 l	1.008,00	806,25

Not medical devices / Not IVD products. For safety information and additional data, see our current catalogue or at www.carlroth.com

* Prices include german tax on alcohol



ATP Measurement with a System: Lumitester and LuciPac®

-20%

Lumitester SMART

Kikkoman.

Easy-to-use, lightweight luminometer for ATP measurement. For reliable monitoring of liquids, dry and wet surfaces as part of hygiene control in the manufacturing sector, in the foodstuffs and animal feed sector, in patients- and health care, in gastronomy and trade, in training and in many other areas.

Lumitester SMART is **not** suitable for the detection of virus contamination.

- Lightweight and easy-to-use
- Fast and easy handling
- Highly sensitive, precise measurement of ATP, ADP and AMP
- Ready for use after 8 seconds
- Auto-calibration
- Definition of own limit values is possible
- Storage of the measurement results in the cloud
- Date and time internal to the device

General properties:

- Hygiene monitoring in three simple steps
- Data visualization via App
- Access from anywhere with cloud storage

Delivery incl. 2 alkaline batteries (AA), 3 cleaning brushes, USB-Cable, strap, quick guide

Please order separately: LuciPac®Pen Aqua (Order No. NC58), LuciPac®Pen (Order No. NC59), LuciPac®A3 Aqua (Order No. 1ENK), LuciPac®A3 (Order No. 1ENH) and Lumitester LED Test Stick (Order No. NC60.1).



Type	Art. No.	Pack Qty.	DKK	DKK
Lumitester SMART	1E37.1	1 unit(s)	18.463,15	14.770,50



LuciPac®A3 **ready-to-use** for hygiene control of surfaces

Kikkoman.

Art. No.	Pack Qty.	Pack.	DKK	DKK
1ENH.1	20 unit(s)	aluminium bag	959,65	767,25
1ENH.2	100 unit(s)	aluminium bag	4.233,00	3.386,25



LuciPac®A3 Aqua **ready-to-use** for hygiene control of liquids

Kikkoman.

Art. No.	Pack Qty.	Pack.	DKK	DKK
1ENK.1	20 unit(s)	aluminium bag	959,65	767,25
1ENK.2	100 unit(s)	aluminium bag	4.233,00	3.386,25

LuciPac® Pen **ready-to-use** for hygiene control of surfaces

Kikkoman.

Art. No.	Pack Qty.	Pack.	DKK	DKK
NC59.1	20 unit(s)	aluminium bag	959,65	767,25
NC59.2	100 unit(s)	aluminium bag	4.233,00	3.386,25

LuciPac® Pen Aqua **ready-to-use** for hygiene control of liquids

Kikkoman.

Art. No.	Pack Qty.	Pack.	DKK	DKK
NC58.1	20 unit(s)	aluminium bag	959,65	767,25
NC58.2	100 unit(s)	aluminium bag	4.233,00	3.386,25

FRISENETTE



Phone

+45 86 34 22 44 · roth@frisenette.dk

