



## CELL CULTURE ESSENTIALS EXTRA OFFER

Save Money with the Cell Culture promo! Up to 60% discount

### Sample preparation, Biochemical assays

Product code	Description	Promo Price
MAHVN4550	Multiscreen®-HV 96-Well Filter Plate, 0.45 µm Hydrophilic Durapore® PVDF, Clear, Nonsterile, Pack of 50	1.008,00 €
MAHVN4510	Multiscreen®-HV 96-Well Filter Plate, 0.45 µm Hydrophilic Durapore® PVDF, Clear, Nonsterile, Pack of 10	225,00 €

### Media and buffers sterile filtration

Product code	Description	Promo Price
SEGPU0538	Stericup® E-GP Eco-friendly Filter Unit, 38 mm threaded collar, 500 mL process volume, 0.2 µm pore size, fast flow PES Express Plus membrane, pkg of 12, radio-sterilized	101,00 €
SEGPU0545	Stericup® E-GP Eco-friendly Filter Unit, 45 mm threaded collar, 500 mL process volume, 0.2 µm pore size, fast flow PES Express Plus membrane, pkg of 12, radio-sterilized	101,00 €
SEGPU1138	Stericup® E-GP Eco-friendly Filter Unit, 38 mm threaded collar, 1000 mL process volume, 0.2 µm pore size, fast flow PES Express Plus membrane, pkg of 12, radio-sterilized	171,00 €
SEGPU1145	Stericup® E-GP Eco-friendly Filter Unit, 45 mm threaded collar, 1000 mL process volume, 0.2 µm pore size, fast flow PES Express Plus membrane, pkg of 12, radio-sterilized	171,00 €
SEGPT0038	STERITOP® E-GP Eco-friendly Filter Unit, 38 mm threaded collar, 150-1000 mL process volume, 0.2 µm pore size, fast flow PES Express Plus membrane, pkg of 12, radio-sterilized	72,50 €
SEGPT0045	STERITOP® E-GP Eco-friendly Filter Unit, 45 mm threaded collar, 150-1000 mL process volume, 0.2 µm pore size, fast flow PES Express Plus membrane, pkg of 12, radio-sterilized	72,50 €
SLGV013SL	MILLEX® - GV Syringe Filter, 0.22 µm Hydrophilic PVDF, 13 mm, Sterile, Pack of 100	285,60 €
SLGV033RB	Millex-GV Syringe Filter Unit, 0.22 µm, PVDF, 33 mm, gamma sterilized, Pack of 250	574,00 €
SLGP033RB	Millex-GP Syringe Filter Unit, 0.22 µm, polyethersulfone, 33 mm, gamma sterilized, Pack of 250	458,50 €
SLHV033RB	Millex-HV Syringe Filter Unit, 0.45 µm, PVDF, 33 mm, gamma sterilized, Pack of 250	581,70 €
SLHPR33RB	Millex® 33mm PES .45um Sterile 250/pk RUO, Pack of 250	387,80 €

### Growth factors, hormones & cytokines

Product code	Description	Promo Price
B3795-5UG	Brain-derived neurotrophic factor human lyophilized powder, recombinant, expressed in Escherichia coli, cell culture tested	173,00 €
E4127-.1MG	Epidermal Growth Factor from murine submaxillary gland, EGF, suitable for cell culture	129,00 €
E9644-.2MG	Epidermal Growth Factor human, EGF, recombinant, expressed in E. coli, lyophilized powder, suitable for cell culture	180,00 €
F0291-25UG	Fibroblast Growth Factor-Basic human, FGF-Basic, recombinant, expressed in E. coli, suitable for cell culture	270,75 €

H0135-1MG	Hydrocortisone powder, $\gamma$ -irradiated, powder, BioXtra, suitable for cell culture	50,00 €
H0888-1G	Hydrocortisone BioReagent, suitable for cell culture	24,60 €
I3769-50UG	Insulin-like Growth Factor-I human, IGF-I, recombinant, expressed in E. coli, lyophilized powder, suitable for cell culture	144,30 €
T7039-2UG	Transforming Growth Factor-beta1 human recombinant, expressed in CHO cells	225,00 €
V7259-10UG	Vascular Endothelial Growth Factor human, recombinant, expressed in E. coli, powder, suitable for cell culture	188,60 €

Water		
Product code	Description	Promo Price
W3500-1L	Water, sterile-filtered, BioReagent, suitable for cell culture	6,50 €

Antibiotics		
Product code	Description	Promo Price
A5955-100ML	Antibiotic Antimycotic Solution (100 $\times$ ), Stabilized, with 10,000 units penicillin, 10 mg streptomycin and 25 $\mu$ g amphotericin B per mL, sterile-filtered, BioReagent, suitable for cell culture	28,90 €
G8168-100ML	G 418 disulfate salt solution, 50 mg/mL in H <sub>2</sub> O, sterile-filtered, BioReagent, suitable for cell culture	286,70 €
A1720-5G	G 418 disulfate salt, powder, BioReagent, suitable for cell culture	269,10 €
G1397-10ML	Gentamicin solution, 50 mg/mL in deionized water, liquid, sterile-filtered, BioReagent, suitable for cell culture	51,90 €
K0254-20ML	Kanamycin solution from Streptomyces kanamyceticus 10 mg/mL kanamycin in 0.9% NaCl, suitable for cell culture	45,90 €
M4287-2MG	Mitomycin C from Streptomyces caespitosus powder, BioReagent, suitable for cell culture	46,70 €
P4333-100ML	Penicillin-Streptomycin Solution, Solution stabilized, with 10,000 units penicillin and 10 mg streptomycin/mL, sterile-filtered, BioReagent, suitable for cell culture	13,10 €
P0781-100ML	Penicillin-Streptomycin, with 10,000 units penicillin and 10 mg streptomycin per mL in 0.9% NaCl, sterile-filtered, BioReagent, suitable for cell culture	14,90 €

Dissociation reagent		
Product code	Description	Promo Price
C2674-1G	Collagenase from Clostridium histolyticum , lyophilized powder, $\geq$ 125 CDU/mg solid (CDU = collagen digestion units)	294,00 €

**PROMO CODE HFD**

valid until **December 31st, 2021**

More information, contact your sales representative

[simona.bravi@external.merckgroup.com](mailto:simona.bravi@external.merckgroup.com)

Tel: +39 3462591770

## To place an order or request technical support

Customer service [itcustomerrelations@merckgroup.com](mailto:itcustomerrelations@merckgroup.com)

Technical service [serviziotecnico@merckgroup.com](mailto:serviziotecnico@merckgroup.com)

Safety information [www.sigmaaldrich.com/safetycenter](http://www.sigmaaldrich.com/safetycenter)



© 2020 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. Merck, Millipore, Sigma-Aldrich, Supelco, Milli-Q, and the Vibrant M are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada



## MOLECULAR BIOLOGY ESSENTIALS EXTRA OFFER

Save Money with the Nucleic acid extraction and purification promo! Up to 60% discount

Product code	Description	Promo Price
<b>DNA</b>		
NA2100-1KT	GenElute™ Bacterial Genomic DNA Kits, sufficient for 10 purifications	22,90 €
NA2110-1KT	GenElute™ Bacterial Genomic DNA Kits, sufficient for 70 purifications	101,40 €
G1N10-1KT	GenElute™ Mammalian Genomic DNA Miniprep Kits, sufficient for 10 purifications	23,10 €
G1N350-1KT	GenElute™ Mammalian Genomic DNA Miniprep Kits, sufficient for 350 purifications	291,20 €
G2N70-1KT	GenElute™ Plant Genomic DNA Miniprep Kit, sufficient for 70 purifications	136,30 €
<b>RNA</b>		
RTN350-1KT	GenElute™ Mammalian Total RNA Miniprep Kit, sufficient for 350 purifications	967,00 €
RTN70-1KT	GenElute™ Mammalian Total RNA Miniprep Kit, sufficient for 70 purifications	211,20 €
T9424-100ML	TRI Reagent®, For processing tissues, cells cultured in monolayer or cell pellets	139,70 €
T9424-200ML	TRI Reagent®, For processing tissues, cells cultured in monolayer or cell pellets	222,80 €
<b>Plasmid</b>		
NA0200-1KT	GenElute™ HP Plasmid Midiprep Kit, sufficient for 25 purifications	124,80 €
NA0300-1KT	GenElute™ HP Plasmid Maxiprep Kit, sufficient for 10 purifications	117,00 €
NA0310-1KT	GenElute™ HP Plasmid Maxiprep Kit, sufficient for 25 purifications	211,50 €
PLN350-1KT	GenElute™ Plasmid Miniprep Kit, sufficient for 350 purifications	235,50 €
PLN70-1KT	GenElute™ Plasmid Miniprep Kit, sufficient for 70 purifications	53,00 €
PLX15-1KT	GenElute™ Plasmid Maxiprep Kit, sufficient for 15 purifications	154,90 €
PLED35-1KT	GenElute™ Endotoxin-free Plasmid Midiprep Kit, sufficient for 35 purifications	203,00 €
<b>PCR</b>		
NA1111-1KT	GenElute™ Gel Extraction Kit, sufficient for 70 purifications	52,60 €
NA1020-1KT	GenElute™ PCR Clean-Up Kit, sufficient for 70 purifications	50,40 €
<b>Reagent</b>		
F9037-100ML	Formamide, ≥99.5% (GC), BioReagent, for molecular biology	36,70 €

**PROMO code** HFD

valid until **December 31st, 2021**

More information, contact your sales representative

[simona.bravi@external.merckgroup.com](mailto:simona.bravi@external.merckgroup.com)

Tel: +39 3462591770

### To place an order or request technical support

Customer service [itcustomerrelations@merckgroup.com](mailto:itcustomerrelations@merckgroup.com)

Technical service [serviziotecnico@merckgroup.com](mailto:serviziotecnico@merckgroup.com)

Safety information [www.sigmaaldrich.com/safetycenter](http://www.sigmaaldrich.com/safetycenter)



© 2020 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. Merck, Millipore, Sigma-Aldrich, Supelco, Milli-Q, and the Vibrant M are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada



## protein BIOLOGY ESSENTIALS EXTRA OFFER

Save Money with the Proteins Biology promo! Up to 60% discount

### Sample preparation

Product code	Description	Promo Price
--------------	-------------	-------------

#### *Extraction*

E1014-25KU	Benzonase® Nuclease, ≥250 units/μL, ≥90% (SDS-PAGE), recombinant, expressed in E. coli, buffered aqueous glycerol solution Millipore	241,90 €
L3790-10X1ML	Lysozyme from chicken egg white, 10mg/mL, Solution in 50% glycerol, 25 mM Sodium Acetate	89,00 €
L6876-25G	Lysozyme from chicken egg white, lyophilized powder, protein ≥90 %, ≥40,000 units/mg protein	455,60 €
20-188	RIPA LYSIS BUFFER 10 X 100ML	43,10 €

#### *Purification*

##### *HIS-tag*

H0537-25ML	HIS-Select® HF Nickel Affinity Gel, 1:1 suspension in a 30% ethanol solution	110,70 €
P6611-25ML	HIS-Select® Nickel Affinity Gel, (1:1 suspension in a 20% ethanol solution)	102,20 €
LSKMAGH10	PureProteome Nickel Magnetic Bead System, 10 mL	246,00 €

##### *Protein A*

P6486-1ML	EZview™ Red Protein A Affinity Gel	96,20 €
16-157	Protein A Agarose/Salmon Sperm DNA, 2.5 mL	156,30 €
P9424-5ML	Protein A-Sepharose® 4B, Fast Flow from Staphylococcus aureus, aqueous ethanol suspension	134,50 €

##### *Protein G*

E3403-1ML	EZview™ Red Protein G Affinity Gel	107,60 €
P7700-1G	Protein G–Agarose, lyophilized powder, Contains lactose stabilizers that must be removed prior to use	165,40 €
16-201	Protein G Agarose/Salmon Sperm DNA, 2.5 mL	161,00 €
LSKMAGG10	PureProteome Protein G Magnetic Bead System, 10 mL	289,40 €

##### *Protein A/G*

LSKMAGAG10	PureProteome Protein A/G Mix Magnetic Beads, 10 mL	336,00 €
------------	--	----------

### Protein Electrophoresis and Western Blotting

Product code	Description	Promo Price
--------------	-------------	-------------

### **Acrylamide, Bis-acrylamide**

A8887-500G	Acrylamide, suitable for electrophoresis, ≥99%	27,30 €
A3574-5X100ML	Acrylamide/Bis-acrylamide, 30% solution, BioReagent, suitable for electrophoresis, 29:1	25,00 €
A3699-5X100ML	Acrylamide/Bis-acrylamide, 30% solution, BioReagent, suitable for electrophoresis, 37.5:1	25,00 €
A2917-1L	Acrylamide/Bis-acrylamide, BioReagent, for molecular biology, 19:1 (ratio)	48,60 €

### **Gel Casting Reagents**

A3678-100G	Ammonium persulfate, for molecular biology, for electrophoresis, .98%, 100G	37,40 €
T9281-100ML	N,N,N',N'-Tetramethylethylenediamine, ~99% , 100ML	39,90 €

### **Running buffers**

G8898-1KG	Glycine, .99%, 1Kg	37,40 €
S3401-10VL	Laemmli 2x Concentrate Sample Buffer, 10 Vials	26,90 €
T0377-250G	Tricine, ≥99% (titration)	47,80 €
T4904-1L	Tris-Glycine Buffer, 10x Concentrate, 1L	40,00 €
T7777-1L	Tris-Glycine-SDS Buffer, 10x Concentrate, 1L	42,20 €
L3771-500G	Sodium dodecyl sulfate ≥98.5%, 1KG	90,00 €
MPMES	MES SDS Running Buffer Powder (each packet makes 1 L) - 5 packets	18,70 €
MPMOPS	MOPS SDS Running Buffer Powder (each packet makes 1 L) - 5 packets	11,70 €

### **ECL**

WBLUC0500	Immobilon Classic Western HRP substrate, Western blotting, dot/slot blotting, 500 mL	160,30 €
WBLUR0500	Immobilon Crescendo Western HRP substrate, Western blotting, dot/slot blotting, 500 mL	209,70 €
WBULS0500	Immobilon ECL Ultra Western HRP Substrate, 500 mL	481,30 €
WBLUF0500	Immobilon Forte Western HRP substrate, Western blotting, dot/slot blotting, 500 mL	256,70 €

### **Membranes**

IEVH85R	Immobilon-E PVDF Membrane, 1 roll, 8.5cm x 10m roll	203,00 €
IPFL00010	Immobilon-FL PVDF Membrane, 1 roll, 26.5 cm x 3.75 m	277,00 €
IPFL85R	Immobilon-FL PVDF, 0.45 µm, 8.5 cm x 10 m roll	203,00 €
IPVH85R	Immobilon-P Membrane, PVDF, 0.45 µm, 8.5 cm x 10 m roll	209,90 €
IPVH00010	Immobilon-P PVDF Membrane, 1 roll, 26.5 cm x 3.75 m	246,80 €
ISEQ85R	Immobilon-PSQ +E2082, 0.2 µm, 8.5 cm x 10 m roll	239,40 €
ISEQ00005	Immobilon-PSQ PVDF Membrane, 1 roll, 26.5 cm x 1.875 m	145,10 €
11417240001	Nylon Membranes, positively charged, 1 roll	364,00 €

### **Molecular Weight Markers**

94964-500UL	BLUeye Prestained Protein Ladder	88,20 €
C6210-1VL	Color Marker Ultra-low Range M.W. 1,060-26,600	77,00 €

C1992-1VL	ColorBurst™ Electrophoresis Marker 8000 - 200kDa	73,70 €
SDS7B2-1VL	PRESTAINED MOLECULAR WEIGHT MARKER, MW 2	102,60 €
M3913-1VL	SIGMAMARKER LOW RANGE*(M.W. 6,500-66,000)	51,30 €

**Staining of the gels for visualizing proteins**

09189-6X1L-F	ATX Ponceau S red staining solution, BioReagent, ready-to-use solution	54,00 €
1154440025	Coomassie Brilliant blue G 250 (C.I. 42655), for electrophoresis	28,50 €
G1041-500ML	EZBlue™ Gel Staining Reagent	30,80 €
P7170-1L	Ponceau S solution BioReagent, suitable for electrophoresis, 0.1 % (w/v) in 5% acetic acid	39,50 €
PROTSIL2-1KT	ProteoSilver™ Plus Silver Stain Kit, 1 kit sufficient for 25 mini-gels (10 × 10 cm)	240,60 €
PROTSIL1-1KT	ProteoSilver™ Silver Stain Kit, 1 kit sufficient for 25 mini-gels (10 × 10 cm)	202,40 €

Protein quantification		
Product code	Description	Promo Price
T0440-1L	3,3',5,5'-Tetramethylbenzidine (TMB) Liquid Substrate System for ELISA, peroxidase substrate	325,00 €
T8665-1L	3,3',5,5'-Tetramethylbenzidine (TMB) Liquid Substrate System, peroxidase substrate	262,50 €
BCA1-1KT	Bicinchoninic Acid Kit for Protein Determination, for 200-1000 µg/ml protein	143,90 €
B6916-500ML	Bradford Reagent, for 0.1-1.4 mg/ml protein	32,90 €
L3540-25VL	Lowry Reagent	117,80 €
QPBCA-1KT	QuantiPro™ BCA Assay Kit, for 0.5-30 µg/ml protein	171,90 €

**PROMO CODE HFD**

valid until **December 31st, 2021**

More information, contact your sales representative

[simona.bravi@external.merckgroup.com](mailto:simona.bravi@external.merckgroup.com)

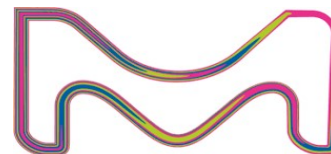
Tel: +39 3462591770

**TO PLACE AN ORDER OR REQUEST TECHNICAL SUPPORT**

Customer service [itcustomerrelations@merckgroup.com](mailto:itcustomerrelations@merckgroup.com)

Technical service [serviziotecnico@merckgroup.com](mailto:serviziotecnico@merckgroup.com)

Safety information [www.sigmaaldrich.com/safetycenter](http://www.sigmaaldrich.com/safetycenter)



© 2020 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. Merck, Millipore, Sigma-Aldrich, Supelco, Milli-Q, and the Vibrant M are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada





## Biochemistry ESSENTIALS EXTRA OFFER

Save Money with the Proteins Biology promo! Up to 60% discount

Product code	Description	Promo Price
<b>Agaroses</b>		
A6013-100G	Agarose Type I, low EEO	60,00 €
A9539-100G	Agarose, BioReagent, for molecular biology, low EEO	75,00 €
A9539-250G	Agarose, BioReagent, for molecular biology, low EEO	120,00 €
A9539-500G	Agarose, BioReagent, for molecular biology, low EEO	195,00 €
A9414-50G	Agarose, low gelling temperature, BioReagent, for molecular biology	170,00 €
A9414-100G	Agarose, low gelling temperature, BioReagent, for molecular biology	320,00 €
A6877-100G	Agarose, Medium EEO, for molecular biology	54,50 €
A6877-500G	Agarose, Medium EEO, for molecular biology	280,00 €
<b>Buffers</b>		
H3375-100G	HEPES, ≥99.5% (titration)	55,60 €
H0887-100ML	HEPES solution, 1 M, pH 7.0-7.6, sterile-filtered, BioReagent, suitable for cell culture	38,20 €
I5513-100G	Imidazole, for molecular biology, ≥99% (titration)	120,00 €
M1254-250G	MOPS, ≥99.5% (titration)	65,00 €
P5493-1L	Phosphate buffered saline (PBS), 10× concentrate, BioPerformance Certified, suitable for cell culture	44,60 €
P3813-10PAK	Phosphate buffered saline (PBS), powder, pH 7.4, for preparing 1 L solutions	22,40 €
P4417-50TAB	Phosphate buffered saline (PBS), Tablets	27,90 €
P4417-100TAB	Phosphate buffered saline (PBS), Tablets	54,40 €
93283-100ML	Tris-EDTA buffer solution, BioUltra, for molecular biology, pH 8.0	27,50 €
<b>chelating and reducing agents</b>		
D0632-5G	DL-Dithiothreitol, ≥98% (HPLC), ≥99.0% (titration)	35,90 €
D0632-25G	DL-Dithiothreitol, ≥98% (HPLC), ≥99.0% (titration)	81,70 €
E5134-1KG	EDTA, for electrophoresis, for molecular biology, 99.0-101.0% (titration)	55,80 €
M3148-25ML	2 Mercaptoethanol, for molecular biology, for electrophoresis, suitable for cell culture, BioReagent, 99%	10,00 €
M3148-100ML	2 Mercaptoethanol, for molecular biology, for electrophoresis, suitable for cell culture, BioReagent, 99%	14,50 €

C4706-2G	Tris(2-carboxyethyl)phosphine hydrochloride (TCEP), powder, ≥98% (TLC)	102,00 €
C4706-10G	Tris(2-carboxyethyl)phosphine hydrochloride (TCEP), powder, ≥98% (TLC)	254,50 €

***Detergent and denaturing agents***

C3023-5G	CHAPS hydrate, ≥98% (HPLC)	133,60 €
C9426-5G	CHAPS hydrate, BioReagent, suitable for electrophoresis, ≥98% (HPLC)	189,00 €
D141-100MG	Digitonin, Used as non-ionic detergent	44,50 €
D141-500MG	Digitonin, Used as non-ionic detergent	123,30 €
G3272-100G	Guanidine hydrochloride, for molecular biology, ≥99%	23,90 €
H6269-100G	Hexadecyltrimethylammonium bromide (CTAB), for molecular biology, ≥99%	49,30 €
I8896-50ML	IGEPAL® CA-630, for molecular biology	40,40 €
I8896-100ML	IGEPAL® CA-630, for molecular biology	65,60 €
PVP40-100G	Polyvinylpyrrolidone (PVP 40), average mol wt 40,000	51,20 €
O5030-500ML-F	Sodium dodecyl sulfate (SDS), Solution, BioUltra, for molecular biology, 20% in H2O	76,00 €
O5030-1L-F	Sodium dodecyl sulfate (SDS), Solution, BioUltra, for molecular biology, 20% in H2O	100,80 €
L3771-100G	Sodium dodecyl sulfate (SDS), BioReagent, suitable for electrophoresis, for molecular biology, ≥98.5% (GC)	26,10 €
L3771-500G	Sodium dodecyl sulfate (SDS), BioReagent, suitable for electrophoresis, for molecular biology, ≥98.5% (GC)	90,00 €
T8787-250ML	Triton™ X-100, for molecular biology	40,50 €
P7949-100ML	TWEEN® 20, BioXtra, viscous liquid	19,80 €
P7949-500ML	TWEEN® 20, BioXtra, viscous liquid	37,80 €
U5378-1KG	Urea, powder, BioReagent, for molecular biology, suitable for cell culture	34,10 €

***Solvents for biological application***

51976-500ML-F	Ethanol, BioUltra, for molecular biology, ≥99.8%, (absolute alcohol, without additive, A15 o1)	58,50 €
D8418-100ML	Dimethyl sulfoxide, for molecular biology	25,60 €
D8418-250ML	Dimethyl sulfoxide, for molecular biology	47,50 €
D2650-5X5ML	Dimethyl sulfoxide, Hybri-Max™, sterile-filtered, BioReagent, suitable for hybridoma, ≥99.7%	54,00 €
D4551-250ML	N,N-Dimethylformamide for molecular biology, ≥99%	19,50 €
F9037-100ML	Formamide, ≥99.5% (GC), BioReagent, for molecular biology	36,70 €
G5516-500ML	Glycerol, for molecular biology, ≥99.0%	36,40 €
G5516-1L	Glycerol, for molecular biology, ≥99.0%	57,60 €
I9516-4X25ML	2-Propanol, BioReagent, for molecular biology, ≥99.5%	20,70 €
I9516-500ML	2-Propanol, BioReagent, for molecular biology, ≥99.5%	32,20 €
W4502-1L	Water, Nuclease-Free Water, for Molecular Biology	28,60 €

**PROMO CODE HFD**

valid until **December 31st, 2021**

**More information, contact your sales representative**

[simona.bravi@external.merckgroup.com](mailto:simona.bravi@external.merckgroup.com)

Tel: +39 3462591770

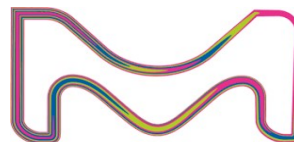
<

**To place an order or request technical support**

Customer service [itcustomerrelations@merckgroup.com](mailto:itcustomerrelations@merckgroup.com)

Technical service [serviziotecnico@merckgroup.com](mailto:serviziotecnico@merckgroup.com)

Safety information [www.sigmaaldrich.com/safetycenter](http://www.sigmaaldrich.com/safetycenter)



© 2020 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. Merck, Millipore, Sigma-Aldrich, Supelco, Milli-Q, and the Vibrant M are trademarks of Merck KGaA, Darmstadt, Germany trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada





or its affiliates. All other