



## MOLECULAR MICROBIOLOGY

### Cultivation & Selection

Order No.	Description
1182KG001	Agar for microbiology, 1 kg
1146GR100	Ampicillin sodium salt for biochemistry, 100 g
1289GR025	Chloramphenicol for biochemistry, 25 g
1064KG001	Yeast extract powdered for molecular biology, 1 kg
1162GR050	Kanamycin sulfate for biochemistry, 50 g
1308GR500	LB-Medium Powder according to Lennox for molecular biology, 500 g
1311GR500	LB-Medium Powder according to Miller for molecular biology, 500 g
1298GR500	Peptone from Casein (pancreatic digest) for biochemistry, 500 g
1075GR500	Proteose peptone for microbiology, 500 g
1302GR100	Tetracycline hydrochloride for biochemistry, 100 g
1132GR500	Tryptone for biochemistry, 500 g
1100GR001	X-Gal for biochemistry, 1 g



### Induction & Quantification

Order No.	Description
1122GR025	IPTG for biochemistry, 25 g
1140GR005	IPTG for molecular biology, 5 g
1535GR025	IPTG from plant for biochemistry, 25 g
1352GR005	4-Nitrophenylphosphate disodium salt hexahydrate (pNPP) for biochemistry, 5 g
2028GR100	2-Nitrophenyl-β-D-galactopyranoside (ONPG) for biochemistry, 100 g

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## MICROSCOPY

Order No.	Description
1155MG100	DAPI for biochemistry, 100 mg
3107GR100	Giemsa stain for biochemistry, 100 g
1076GR025	Hematoxylin monohydrate (C.I.75290) for microscopy, 25 g
1260LT2P5	neoXclear (Xylene substitute) for microscopy, 2.5 L
1246MG100	Propidium iodide for biochemistry, 100 mg
1377ML100	Canada balsam genuine for microscopy, 100 ml
1891ML250	Immersion oil (fluorescence-free) for microscopy, 250 ml
2042ML100	Immersion oil for microscopy, 100 ml
1475ML100	Trypan blue solution (0.4 %) for cell biology, 100 ml

## GREEN IS THE NEW MAGENTA



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(CEO of AppliChem GmbH  
from 1993 to 2013)



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# BIOLOGICAL BUFFERS



Order No.	Description
2151GR500	Bicine for biochemistry, 500 g
1457GR500	Bis-Tris for biochemistry, 500 g
1275KG001	Glycine for biochemistry, 1 kg
1154KG005	Glycine for molecular biology, 5 kg
1112KG001	HEPES buffer grade for biochemistry, 1 kg
1577GR500	Potassium dihydrogen phosphate for biochemistry, 500 g
1198KG001	di-Potassium hydrogen phosphate anhydrous for biochemistry, 1 kg
1086GR250	MES monohydrate for biochemistry, 250 g
1173GR500	MOPS buffer grade for biochemistry, 500 g
1227KG001	Sodium dihydrogen phosphate monohydrate for biochemistry, 1 kg
1230KG005	di-Sodium hydrogen phosphate anhydrous for biochemistry, 5 kg
1269GR250	Tricine for biochemistry, 250 g
1165KG001	Tris hydrochloride for biochemistry, 1 kg
1115KG001	Tris for molecular biology, 1 kg
1125KG005	Tris Xtrapure for biochemistry, 5 kg

# SURFACTANTS

Order No.	Description
1156GR025	CHAPS for biochemistry, 25 g
2044GR100	Deoxycholic acid for biochemistry, 100 g
2207GR500	Lecithin from egg for biochemistry, 500 g
1070GR100	Sodium deoxycholate for biochemistry, 100 g
1448GR010	n-Decyl-β-D-maltoside for crystallography, 10 g
1279GR025	n-Dodecyl-β-D-maltoside for biochemistry, 25 g
1276GR025	n-Octyl-β-D-glucopyranoside for biochemistry, 25 g
3250KG001	SDS for biochemistry, 1 kg
1177GR500	SDS ultrapure for molecular biology, 500 g
1139LT001	Triton® X-100 for biochemistry, 1 L
1247ML500	Tween® 20 for biochemistry, 500 ml
8506ML250	Tween® 20 for molecular biology, 250 ml

# SALTS AND SUGARS

Order No.	Description
1333GR250	Ammonium sulfate for molecular biology, 250 g
1769GR500	Magnesium chloride hexahydrate for molecular biology, 500 g
1236KG001	Sodium chloride for molecular biology, 1 kg
1318KG005	Sodium chloride 99.9 % Xtrapure for biochemistry, 5 kg
1617KG001	Potassium chloride for biochemistry, 1 kg
1253KG005	D(+)-Glucose anhydrous for biochemistry, 5 kg
1495GR500	D(+)-Maltose monohydrate for biochemistry, 500 g
3023KG001	D(-)-Mannitol for biochemistry, 1 kg
1603KG001	D(+)-Sucrose for biochemistry, 1 kg
1483GR100	D(+)-Trehalose dihydrate for biochemistry, 100 g
1971GR500	D(+)-Xylose for biochemistry, 500 g



# PROTEASE INHIBITORS

Order No.	Description
1157MG250	AEBSF hydrochloride for biochemistry, 250 mg
1278MG050	Aprotinin for biochemistry, 50 mg
1309MG010	E-64 for biochemistry, 10 mg
1135GR100	β-Glycerolphosphate disodium salt pentahydrate for biochemistry, 100 g
1273MG025	Leupeptin hemisulfate for biochemistry, 25 mg
1274MG025	Pepstatin for biochemistry, 25 mg
1283GR010	PMSF for biochemistry, 10 g

# PEPTIDE SYNTHESIS

Order No.	Description
2071LT2P5	Diisopropylethylamine (DIPEA) for peptide synthesis, 2.5 L
2074LT010	N,N-Dimethylformamide (DMF) for peptide synthesis, 10 L
2077LT001	Trifluoroacetic acid for peptide synthesis, 1 L



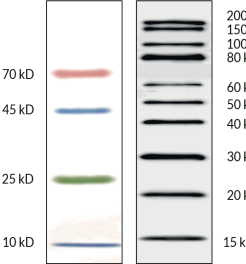
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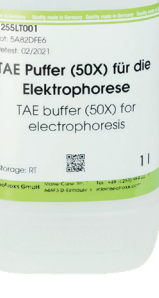
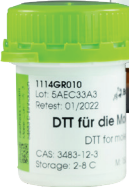
# NUCLEIC ACID HANDLING

Order No.	Description
1118LT001	denaX uncolored for molecular biology, 1 L <i>Ready-to-use DNA decontamination spray</i>
1084ML100	Dimethyl sulfoxide for molecular biology, 100 ml
1121MG100	DNase I for molecular biology, 100 mg
1340GR500	EDTA for molecular biology, 500 g
1108KG001	EDTA disodium salt dihydrate for molecular biology, 1 kg
1134LT001	Ethanol absolute for molecular biology, 1 L
1103ML500	Formamide deionized for molecular biology, 500 ml
1319GR500	Guanidine thiocyanate for molecular biology, 500 g
1152KG001	Urea crystalline for molecular biology, 1 kg
1256GR010	Lysozyme for molecular biology, 10 g
2114MG500	Proteinase K recombinant for molecular biology, 500 mg
1263MG250	RNase A (DNase-free) for molecular biology, 250 mg
1467LT001	SSC buffer (20X) for molecular biology, 1 L
1058LT001	Water for molecular biology, 1 L
2438ML200	Xtrazol reagent for molecular biology, 2 x 100 ml <i>Mono-phasic reagent for nucleic acid and protein isolation</i>

Gel/ Membrane    Film/Imager



7777YL250



# ELECTROPHORESIS

## Agarose gel electrophoresis

Order No.	Description
1110KG001	Agarose Basic for molecular biology, 1 kg
1127GR500	Agarose low EEO for biochemistry (Standard Agarose), 500 g
1531YG050	DNA Ladder 1 kb (lyophilized) for molecular biology, 50 µg
1133ML001	dsDNA-Stain nontoX for molecular biology, 1 ml
3411YL500	dsDNA gel stain (10.000X) for molecular biology, 500 µl
3422YL500	Nucleic acid gel stain (10.000X) for molecular biology, 500 µl
1254ML015	Ethidium bromide solution 0.07 % dropping bottle for electrophoresis, 15 ml
1345GR100	Ficoll® 400 for biochemistry, 100 g
1073LT001	Glycerol 87 % for molecular biology, 1 L
1280LT001	Glycerol anhydrous for molecular biology, 1 L
1255LT001	TAE buffer (50X) for electrophoresis, 1 L
1303LT001	TBE buffer (10X) for electrophoresis, 1 L

# CELL BIOLOGY

## Balanced salts, Amino acids, Media supplements

Order No.	Description
1346LT001	D-PBS (1X) Powder mixture for cell biology, 1 L
1573ML500	D-PBS (1X) with Ca and Mg (pH 7.4) for cell biology, 500 ml
1429LT001	D-PBS (1X) w/o Ca and Mg (pH 7.4) for cell biology, 1 L
1264ML250	Dimethyl sulfoxide for cell biology, 250 ml
1191KG001	D(+)-Glucose anhydrous for cell biology, 1 kg
1201KG001	L-Alanyl-L-glutamine for cell biology, 1 kg
1203GR100	L-Arginine hydrochloride for cell biology, 100 g
1210KG001	L-Glutamine for cell biology, 1 kg
1211GR100	L-Histidine free base for cell biology, 100 g
1214KG001	L-Isoleucine for cell biology, 1 kg
1216KG001	L-Lysine monohydrochloride for cell biology, 1 kg
1220GR100	L-Serine for cell biology, 100 g
1232GR500	Sodium pyruvate for cell biology, 500 g
1229KG005	Sodium hydrogen carbonate for cell biology, 5 kg
1540GR001	apo-Transferrin human for cell biology, 1 g
1863GR010	holo-Transferrin human for cell biology, 10 g



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## Antibiotics

Order No.	Description
1148MG500	Amphotericin B for biochemistry, 500 mg
1150GR005	G418 disulfate for biochemistry, 5 g
1453GR025	Gentamycin sulfate for biochemistry, 25 g
1358GR001	Hygromycin B for cell biology, 1 g
1136GR005	Neomycin sulfate for cell biology, 5 g
1294GR025	Nystatin dihydrate for biochemistry, 25 g
1286GR025	Penicillin G potassium salt for biochemistry, 25 g
1164GR005	Polymyxin B sulfate for biochemistry, 5 g
1161GR005	Vancomycin hydrochloride for biochemistry, 5 g