

DNA and PNA Synthesis Instruments and Consumables

Price List

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DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
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DNA Synthesizers

	4318174	ABI 3900 High-Throughput DNA Synthesizer 48 column instrument. Includes: Computer with Microsoft® Windows® NT OS with Windows® 2000 Package, 17 Monitor, User's Manual, Installation and Training.	Each	156.100,00
	4334667	Applied Biosystems 3400 Low-Throughput DNA Synthesizer 4 column instrument. PC compatible stand-alone system for standard and speciality chemistries. Includes: Installation, User's Manual.	Each	83.650,00
N3	4343652	3400 Chemical Start-up Kit A starter kit for the user to begin routine operation of the 3400. Contains: one pack of synthesis collection vials, one pack of bottle seals, four 1g amidites (A,C,T,G), four 200nM synthesis columns (A,C,T,G) and one bottle of each of the liquid synthesis reagents. This kit can be purchased as an extra with the instrument.	Each	1.080,00

Applied Biosystems Compatible Nucleic Acid Synthesis Reagents

β-Cyanoethyl Phosphoramidites

2 week phosphoramidite lifetime on instrument using 0.2μmol, 1.0μmol, 10μmol columns at 0.1M concentration and 3 week columns phosphoramidite lifetime on instrument using polystyrene synthesis columns. Standard series of phosphoramidite deprotect in 6 - 8 h at 55° C.

N1	400330	dA(bz) Phosphoramidite	0.50 g	29,00
N1	400331	dG(ibu) Phosphoramidite	0.50 g	29,00
N1	401182	dG(dmf) FastPhoramidite To be used as a component of a fast deprotecting chemistry set including dA(bz), dC(bz) and T. FastPhoramidite reagent series deprotect in 1h at 65 °C.	0.50 g	29,00
N1	400332	dC(bz) Phosphoramidite	0.50 g	29,00
N1	400333	T Phosphoramidite	0.50 g	29,00
N1	400326	dA(bz) Phosphoramidite	1.0 g	46,00

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MPG	Part Number	Description	Volume/Quantity	EUR
N1	400327	dG(ibu) Phosphoramidite	1.0 g	46,00
N1	401183	dG(dmf) FastPhoramidite® To be used as a component of a fast deprotecting chemistry set including dA(bz), dC(bz) and T. FastPhoramidite reagent series deprotect in 1h at 65°C.	1.0 g	46,00
N1	400328	dC(bz) Phosphoramidite	1.0 g	46,00
N1	400329	T Phosphoramidite	1.0 g	46,00
N1	401159	dA(bz) Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N1	401161	dG(ibu) Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N1	401165	dG(dmf) FastPhoramidite To be used as a component of a fast deprotecting chemistry set including dA(bz), dC(bz) and T. FastPhoramidite series deprotect in 1h at 65°C.	2.0 g	91,00
N1	401160	dC(bz) Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N1	401162	T Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N1	400402	Deoxyinosine Phosphoramidite	0.25 g	160,00

Specialty Phosphoramidite Derivatives

N1	402872	TFA Aminolink™ Phosphoramidite For 5' attachment of an amine group.	0.25 g	108,00
N1	401395	Biotin Phosphoramidite For 5' attachment of Biotin.	85 mg	285,00
N1	401396	Biotin Phosphoramidite For 5' attachment of Biotin.	250 mg	770,00

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MPG	Part Number	Description	Volume/Quantity	EUR
N1	403169	6-FAM™ Dye Phosphoramidite For 5' attachment of FAM™ dye. Optically pure isomer (not a mixture), small pack.	45 mg	188,00
N1	401527	6-FAM™ Dye Phosphoramidite For 5' attachment of FAM™ dye. Optically pure isomer (not a mixture).	85 mg	370,00
N1	403170	HEX™ Dye Phosphoramidite For 5' attachment of HEX™ dye, small pack.	55 mg	188,00
N1	401526	HEX™ Dye Phosphoramidite For 5' attachment of HEX™ dye.	105 mg	370,00
N1	403171	TET™ Dye Phosphoramidite For 5' attachment of TET™ dye, small pack.	50 mg	188,00
N1	401533	TET™ Dye Phosphoramidite For 5' attachment of TET™ dye.	100 mg	370,00
N1	401717	Phosphalink® Phosphoramidite (for 3' and 5' labeling) For 3' or 5' attachment of a phosphate group.	70 mg	160,00

DNA Synthesis Columns and Solid Supports

ABI LV40® Columns

N2	401738	ABI LV40 dA(bz) Polystyrene Synthesis Column	Each	9,00
N2	401742	ABI LV40 dG(ibu) Polystyrene Synthesis Column	Each	9,00
N2	401745	ABI LV40 dG(dmf) FastPhoramidite® Polystyrene Synthesis Column	Each	9,00
N2	401743	ABI LV40 dC(bz) Polystyrene Synthesis Column	Each	9,00
N2	401744	ABI LV40 T Polystyrene Synthesis Column	Each	9,00

ABI LV200™ Columns

N2	401937	ABI LV200 dA(bz) Polystyrene Synthesis Column	Each	9,00
N2	401938	ABI LV200 dC(bz) Polystyrene Synthesis Column	Each	9,00
N2	401939	ABI LV200 dG(ibu) Polystyrene Synthesis Column	Each	9,00
N2	401940	ABI LV200 dG(dmf) FastPhoramidite Polystyrene Synthesis Column	Each	9,00
N2	401941	ABI LV200 T Polystyrene Synthesis Column	Each	9,00

DNA and PNA Synthesis Instruments and Consumables

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Controlled Pore Glass (CPG) Synthesis Columns, 500Å Pore Size

For Syntheses <50 Bases

N2	400953	CPG Synthesis Column (500Å), dA(bz), 0.2 µmol	Each	9,00
N2	400955	CPG Synthesis Column (500Å), dG(ibu), 0.2 µmol	Each	9,00
N2	400954	CPG Synthesis Column (500Å), dC(bz), 0.2 µmol	Each	9,00
N2	400956	CPG Synthesis Column (500Å), T, 0.2 µmol	Each	9,00
N2	400945	CPG Synthesis Column (500Å), dA(bz), 1.0 µmol	Each	11,00
N2	400947	CPG Synthesis Column (500Å), dG(ibu), 1.0 µmol	Each	11,00
N2	401346	CPG Synthesis Column (500Å), dG(dmf), 1.0 µmol	Each	11,00
N2	400946	CPG Synthesis Column (500Å), dC(bz), 1.0 µmol	Each	11,00
N2	400948	CPG Synthesis Column (500Å), T, 1.0 µmol	Each	11,00
N2	400390	CPG Synthesis Column (500Å), dA(bz), 10 µmol	Each	103,00
N2	400392	CPG Synthesis Column (500Å), dG(ibu), 10 µmol	Each	103,00
N2	401348	CPG Synthesis Column (500Å), dG(dmf) 10 µmol	Each	103,00
N2	400391	CPG Synthesis Column (500Å), dC(bz), 10 µmol	Each	103,00
N2	400393	CPG Synthesis Column (500Å), T, 10 µmol	Each	103,00

Controlled Pore Glass (CPG) Columns, 1000Å Pore Size

For Syntheses >50 Bases

N2	400949	CPG Synthesis Column (1000Å), dA(bz), 0.2 µmol	Each	9,00
N2	400951	CPG Synthesis Column (1000Å), dG(ibu), 0.2 µmol	Each	9,00
N2	401184	CPG Synthesis Column (1000Å), dG(dmf) 0.2 µmol For use with the fast deprotecting set of phosphoramidites.	Each	9,00
N2	400950	CPG Synthesis Column (1000Å), dC(bz), 0.2 µmol	Each	9,00
N2	400952	CPG Synthesis Column (1000Å), T, 0.2 µmol	Each	9,00
N2	401438	CPG Synthesis Column (1000Å), dA(bz), 1.0 µmol	Each	11,00
N2	401439	CPG Synthesis Column (1000Å), dG(ibu), 1.0 µmol	Each	11,00
N2	401440	CPG Synthesis Column (1000Å), dC(bz), 1.0 µmol	Each	11,00
N2	401441	CPG Synthesis Column (1000Å), T, 1.0 µmol	Each	11,00

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Bulk CPG (500Å Pore Size)

N2	400394	dA(bz) derivatized, Bulk CPG (500Å)	1.0 g	114,00
N2	400395	dC(bz) derivatized Bulk CPG (500Å),	1.0 g	114,00
N2	400397	T derivatized Bulk CPG (500Å),	1.0 g	114,00

Empty Synthesis Columns

N2	400407	Empty Synthesis Columns, 1.0 µmol, crimp style For use with ABI 392 and 394.	50/Pkg	171,00
N2	400408	Empty Synthesis Columns, 10 µmol, crimp style For use with ABI 392 and 394.	10/Pkg	171,00
	400224	Crimping Tool, 13 mm	Each	255,00
N2	400059	Synthesis Column Filters Filters to be used with empty synthesis column bodies.	100/Pkg	68,00
N3	400048	DNA Collection Vials with Caps Includes: 10 x 4 ml vials with Teflon [®] coating-faced caps.	10/Pkg	46,00

DNA Synthesis liquid reagents

Reagents for ABI 380A, 380B and 381 Synthesizers, 45ml Bottle Config.

N3	400060	Anhydrous Acetonitrile Phosphoramidite Diluent	30 ml	11,00
N3	401445	Anhydrous Acetonitrile Phosphoramidite Diluent	100 ml	34,00
N3	401732	0.02 M Iodine/Water/Pyridine/Tetrahydrofuran Oxidizer	200 ml	46,00
N3	400023	Trichloroacetic Acid/Dichloromethane, Deblocking Solution For ABI 380A/380B instruments with the 8-oz. bottle receptacle in position 14. For ABI 380A/380B instruments with the 8-oz. bottle receptacle in position 14.	200 ml	34,00

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MPG	Part Number	Description	Volume/Quantity	EUR
N3	400236	Trichloroacetic Acid/Dichloromethane, Deblocking Solution For use with Fast Deprotecting tBPA Amidites and Columns.	450 ml	40,00
N3	401147	Tetraethylthiuram Disulfide/Acetonitrile For use with push-button receptacles only. For sulfurization for making phosphorothiate backbone oligonucleotides.	180 ml	103,00

Reagents for ABI 380B (180 ml Bottle Config.), ABI 391, 392 and 394 Synthesizers

N3	401900	Large Bottle Reagent Kit with Low Concentration Iodine Iodine for use with the ABI 380B and 391 Synthesizers. Includes: One each of P/N 400606, P/N 402222, P/N 400785, P/N 401732 and two each of P/N 400236, P/N 400060.	Each	400,00
N3	401903	Large Bottle Reagent Kit with Low Concentration Iodine Includes: One each of P/N 400606, P/N 402222, P/N 400785, P/N 401732 and two each of P/N 400236.	Each	355,00
N3	400060	Anhydrous Acetonitrile Phosphoramidite Diluent	30 ml	11,00
N3	401445	Anhydrous Acetonitrile Phosphoramidite Diluent	100 ml	34,00
N3	400606	Tetrazole/Acetonitrile Synthesis Activator	180 ml	137,00
N3	402222	Acetic Anhydride/Pyridine/Tetrahydrofuran, Cap A	180 ml	51,00
N3	400785	1-Methylimidazole/Tetrahydrofuran, Cap B	180 ml	68,00
N3	401732	0.02 M Iodine/Water/Pyridine/Tetrahydrofuran Oxidizer	200 ml	46,00
N3	400236	Trichloroacetic Acid/Dichloromethane, Deblocking Solution For use with Fast Deprotecting tBPA Amidites and Columns.	450 ml	40,00

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Reagents for ABI 380B, 392 and 394 Synthesizers with Extended Capacity Upgrade

N3	401901	Extended Capacity Reagent Kit with Low Concentration Iodine For use with the ABI 380B Synthesizer. Includes: One each of P/N 401173, P/N 402220, P/N 401175, and two each of P/N 401632, P/N 401272.	Each	855,00
N3	401902	Extended Capacity Reagent Kit with Low Concentration Iodine For use with the ABI 392 and 394 Synthesizers. Includes: One each of P/N 401173, P/N 402220, P/N 401175, P/N 401632, P/N 401272.	Each	570,00
N3	401173	Tetrazole/Acetonitrile	450 ml	160,00
N3	402220	Acetic Anhydride/Pyridine/Tetrahydrofuran, Cap A	450 ml	91,00
N3	401175	1-Methylimidazole/Tetrahydrofuran, Cap B	450 ml	120,00
N3	401632	0.02 M Iodine/Water/Pyridine/Tetrahydrofuran Oxidizer	450 ml	91,00
N3	401272	Trichloroacetic Acid/Dichloromethane Deblocking Solution	2 l	183,00
N3	401267	Tetraethylthiuram Disulfide/Acetonitrile Sulfurizing Reagent For use with Fast Deprotecting tBPA Amidites and Columns. For sulfurization for making phosphorothiate backbone oligonucleotides.	450 ml	234,00

Reagent for ABI 392 and 394 Synthesizers Equipped with AutoAnalysis Feature

P2	400142	DCM (Dichloromethane)	4 l	98,00
N3	402152	DCM (Dichloromethane)	2 l	68,00

Materials for Rapid Purification of Synthetic DNA

N3	400771	OPC (Oligonucleotide Purification Cartridge)	10/Pkg	86,00
N2	400613	Triethylamine Acetate, 2.0 M	200 ml	80,00
P2	400137	TFA (Trifluoroacetic acid)	450 ml	184,00
P3	400314	S4B, 20% Acetonitrile in Water	200 ml	64,00

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Bulk Reagents for ABI Synthesizers

N3	GEN066885	Tetrazole/Acetonitrile, Amidite Activator Solution	2.5 l	630,00
N3	GEN069892	Acetic Anhydride/Pyridine/Tetrahydrofuran, Cap A	2.5 l	171,00
N3	GEN069893	1-Methylimidazole/Tetrahydrofuran, Cap B	2.5 l	217,00
N3	GEN069895	0.02 M Iodine/Water/Pyridine/Tetrahydrofuran, Oxidizer	2.5 l	171,00
N3	GEN069896	Trichloroacetic Acid/Dichloromethane, Deblocking Solution	2.5 l	137,00

ABI 3900 HT DNA Synthesizer Consumables and Reagents

N1	401159	dA(bz) Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N1	401165	dG(dmf) FastPhoramidite To be used as a component of a fast deprotecting chemistry set including dA(bz), dC(bz) and T. FastPhoramidite series deprotect in 1h at 65°C.	2.0 g	91,00
N1	401160	dC(bz) Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N1	401162	T Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N2	4316671	ABI 3900 HT columns dA(bz), 40 nmol	200/Pkg	915,00
N2	4316672	ABI 3900 HT columns dC(bz), 40 nmol	200/Pkg	915,00
N2	4316673	ABI 3900 HT columns dG(dmf), 40 nmol	200/Pkg	915,00
N2	4316674	ABI 3900 HT columns T, 40 nmol	200/Pkg	915,00
N2	4316675	ABI 3900 HT columns dA(bz), 0.2 µmol	200/Pkg	915,00
N2	4316676	ABI 3900 HT columns dC(bz), 0.2 µmol	200/Pkg	915,00
N2	4316677	ABI 3900 HT columns dG(dmf), 0.2 µmol	200/Pkg	915,00
N2	4316678	ABI 3900 HT columns T, 0.2 µmol	200/Pkg	915,00

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MPG	Part Number	Description	Volume/Quantity	EUR
N2	4316679	ABI 3900 HT columns dA(bz), 1 µmol	200/Pkg	1.030,00
N2	4316680	ABI 3900 HT columns dC(bz), 1 µmol	200/Pkg	1.030,00
N2	4316681	ABI 3900 HT columns dG(dmf), 1 µmol	200/Pkg	1.030,00
N2	4316682	ABI 3900 HT columns T, 1 µmol	200/Pkg	1.030,00
N3	401445	Anhydrous Acetonitrile Phosphoramidite Diluent	100 ml	34,00
N3	400443	Anhydrous Acetonitrile, Phosphoramidite Diluent	4 l	108,00
N3	401173	Tetrazole/Acetonitrile	450 ml	160,00
N3	402220	Acetic Anhydride/Pyridine/Tetrahydrofuran, Cap A	450 ml	91,00
N3	401175	1-Methylimidazole/Tetrahydrofuran, Cap B	450 ml	120,00
N3	401632	0.02 M Iodine/Water/Pyridine/Tetrahydrofuran Oxidizer	450 ml	91,00
N3	401272	Trichloroacetic Acid/Dichloromethane Deblocking Solution	2 l	183,00
N1	GEN084034	Trap-Pak Molecular Sieve Bags (Mini)	1/Pkg	9,00
N1	GEN084033	Trap-Pak Molecular Sieve Bags (Medium)	1/Pkg	9,00
N2	4332220	Column holder strip, 12-string	100/Pkg	74,00
N2	4324072	Plug Columns For use on 96-Well Column Adapter for ABI 3900 (P/N 4324172)	50/Pkg	68,00

ABI 3948 System Consumables

N1	401159	dA(bz) Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N1	401165	dG(dmf) FastPhoramidite To be used as a component of a fast deprotecting chemistry set including dA(bz), dC(bz) and T. FastPhoramidite series deprotect in 1h at 65°C.	2.0 g	91,00
N1	401160	dC(bz) Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00

DNA and PNA Synthesis Instruments and Consumables

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MPG	Part Number	Description	Volume/Quantity	EUR
N1	401162	T Phosphoramidite For use with the Model 380B and ABI 392/4 instruments equipped with Extended Capacity Upgrade, and the ABI 3948 instrument.	2.0 g	91,00
N2	401056	dA(bz), ABI OneStep® Columns	20/Pkg	188,00
N2	401057	dG(dmf), ABI OneStep Columns	20/Pkg	188,00
N2	401058	dC(bz), ABI OneStep Columns	20/Pkg	188,00
N2	401059	T, ABI OneStep Columns	20/Pkg	188,00
N2	402778	dA(bz), ABI OneStep Columns	250/Pkg	2.120,00
N2	402779	dG(dmf), ABI OneStep Columns	250/Pkg	2.120,00
N2	402780	dC(bz), ABI OneStep Columns	250/Pkg	2.120,00
N2	402781	T, ABI OneStep Columns	250/Pkg	2.120,00
N2	4306506	dA(bz), ABI OneStep 0.2 µmol Columns	20/Pkg	188,00
N2	4306507	dG(dmf), ABI OneStep 0.2 µmol Columns	20/Pkg	188,00
N2	4306508	dC(bz), ABI OneStep 0.2 µmol Columns	20/Pkg	188,00
N2	4306509	T ABI OneStep 0.2 µmol Columns	20/Pkg	188,00
N2	4306510	dA(bz), ABI OneStep 0.2 µmol Columns	250/Pkg	2.050,00
N2	4306511	dG(dmf), ABI OneStep 0.2 µmol Columns	250/Pkg	2.050,00
N2	4306512	dC(bz), ABI OneStep 0.2 µmol Columns	250/Pkg	2.050,00
N2	4306513	T, ABI OneStep 0.2 µmol Columns	250/Pkg	2.050,00
N3	401173	Tetrazole/Acetonitrile	450 ml	160,00
N3	402220	Acetic Anhydride/Pyridine/Tetrahydrofuran, Cap A	450 ml	91,00
N3	401175	1-Methylimidazole/Tetrahydrofuran, Cap B	450 ml	120,00
N3	401632	0.02 M Iodine/Water/Pyridine/Tetrahydrofuran Oxidizer	450 ml	91,00
N3	401272	Trichloroacetic Acid/Dichloromethane Deblocking Solution	2 l	183,00
N3	401061	3% Trifluoroacetic Acid for use in purification on the ABI 3948 Synthesis and Purification System	450 ml	137,00
N3	401851	20% Acetic Acid/Water, Wash solution	450 ml	137,00
N2	400613	Triethylamine Acetate, 2.0 M	200 ml	80,00
P3	400314	S4B, 20% Acetonitrile in Water	200 ml	64,00

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MPG	Part Number	Description	Volume/Quantity	EUR
N3	401602	OligoRack™ Collection Tubes, 10 Racks	Pkg	285,00
	402087	3948 System Oligo Labels, 100 Sheets	Pkg	167,00

Liquid Reagents for 390Z Synthesizer

N3	401271	Tetrazole/Acetonitrile Phosphoramidite Diluent	2 l	500,00
N3	402221	Acetic Anhydride/Pyridine/Tetrahydrofuran, Cap A	2 l	183,00
N3	401269	1-Methylimidazole/Tetrahydrofuran, Cap B	2 l	275,00
N3	402191	0.02 M Iodine/Water/Pyridine/Tetrahydrofuran, Oxidizer	2 l	205,00
N3	401272	Trichloroacetic Acid/Dichloromethane Deblocking Solution	2 l	183,00
N3	401462	Dichloroacetic Acid/Dichloromethane, Deblocking Solution	2 l	228,00
N3	401268	Tetraethylthiuram Disulfide/Acetonitrile Sulfurizing Reagent	2 l	820,00

Model 390Z Synthesizer Reaction Vessel Filters

P2	401154	10-20 µm Model 390Z Synthesizer Reaction Vessel Filters	30/Pkg	171,00
P2	400226	30-60 µm Model 390Z Synthesizer Reaction Vessel Filters	30/Pkg	183,00

Expedite System-Compatible Nucleic Acid Synthesis Reagents

Standard Deprotecting Amidites for Expedite™ Systems

N1	GEN066000	dA(bz) Phosphoramidite	0.5 g	32,00
N1	GEN066020	dG(ibu) Phosphoramidite	0.5 g	32,00
N1	4316332	dG(dmf) FastPhosphoramidite dG(dmf) products should be used with 0.02 M Iodine/Water/Pyr/THF(200ml bottle, p/n 4316837 or 450ml bottle, p/n 401632)	0.5 g	29,00
N1	GEN066010	dC(bz) Phosphoramidite	0.5 g	32,00
N1	GEN066030	T Phosphoramidite	0.5 g	32,00

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N1	GEN066001	dA(bz) Phosphoramidite	1.0 g	46,00
N1	GEN066021	dG(ibu) Phosphoramidite	1.0 g	46,00
N1	4316333	dG(dmf) FastPhosphoramidite dG(dmf) products should be used with 0.02 M Iodine/Water/Pyr/THF(200 ml bottle, p/n 4316837 or 450 ml bottle, p/n 401632)	1.0 g	47,00
N1	GEN066011	dC(bz) Phosphoramidite	1.0 g	46,00
N1	GEN066031	T Phosphoramidite	1.0 g	46,00
N1	GEN066002	dA(bz) Phosphoramidite	2.0 g	91,00
N1	GEN066022	dG(ibu) Phosphoramidite	2.0 g	91,00
N1	4316334	dG (dmf) FastPhosphoramidite dG(dmf) products should be used with 0.02 M Iodine/Water/Pyr/THF(200 ml bottle, p/n 4316837 or 450 ml bottle, p/n 401632)	2.0 g	94,00
N1	GEN066012	dC(bz) Phosphoramidite	2.0 g	91,00
N1	GEN066032	T Phosphoramidite	2.0 g	91,00

Speciality Reagents

Specialty Phosphoramidites

N1	GEN080120	BiotinDite (Biotin Amidite)	0.1 g	335,00
N1	GEN080122	BiotinDite (Biotin Amidite)	0.25 g	770,00
N1	GEN066050	dI, Inosine Amidite	0.25 g	114,00

Specialty Linkers

N1	GEN080020	N-MMT-Hexylamine Linker Amine linkers can be used to attach biotin, fluorescein or similar reporter groups to the 5' end of oligomers. This linker is coupled to the 5' end of an oligo using standard synthesis protocols.	150 mg	114,00
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Synthesis Columns and Solid Supports for Expedite Systems

Polystyrene Synthesis Columns

N2	4316238	dA(bz), Polystyrene Synthesis Column, 50 nmol	4/Pkg	38,00
N2	4316239	dC(bz), Polystyrene Synthesis Column, 50 nmol	4/Pkg	38,00
N2	4316240	dG(ibu), Polystyrene Synthesis Column, 50 nmol	4/Pkg	38,00
N2	4316241	dG(dmf), Polystyrene Synthesis Column, 50 nmol	4/Pkg	38,00
N2	4316242	T, Polystyrene Synthesis Column, 50 nmol	4/Pkg	37,00
N2	4316307	dA(bz), Polystyrene Synthesis Column, 200 nmol	4/Pkg	38,00
N2	4316308	dC(bz), Polystyrene Synthesis Column, 200 nmol	4/Pkg	38,00
N2	4316309	dG(ibu), Polystyrene Synthesis Column, 200 nmol	4/Pkg	38,00
N2	4316310	dG(dmf), Polystyrene Synthesis Column, 200 nmol	4/Pkg	38,00
N2	4316311	T, Polystyrene Synthesis Column, 200 nmol	4/Pkg	38,00

Controlled Pore Glass (CPG) Synthesis Columns, 500Å Pore Size

For Synthesis <50 bases

N2	GEN062700	CPG Synthesis Column (500Å), dA(bz), 50 nmol	4/Pkg	37,00
N2	GEN062710	CPG Synthesis Column (500Å), dC(bz), 50 nmol	4/Pkg	37,00
N2	GEN062720	CPG Synthesis Column (500Å), dG(ibu), 50 nmol	4/Pkg	37,00
N2	GEN062730	CPG Synthesis Column (500Å), T, 50 nmol	4/Pkg	37,00
N2	GEN062650	CPG Synthesis Column (500Å), dA(bz), 0.2 µmol	4/Pkg	37,00
N2	GEN062660	CPG Synthesis Column (500Å), dC(bz), 0.2 µmol	4/Pkg	37,00
N2	GEN062670	CPG Synthesis Column (500Å), dG(ibu), 0.2 µmol	4/Pkg	37,00
N2	GEN062680	CPG Synthesis Column (500Å), T, 0.2 µmol	4/Pkg	37,00
N2	GEN061550	CPG Synthesis Column (500Å), dA(bz), 1.0 µmol	4/Pkg	46,00
N2	GEN061560	CPG Synthesis Column (500Å), dC(bz), 1.0 µmol	4/Pkg	46,00
N2	GEN061570	CPG Synthesis Column (500Å), dG(ibu), 1.0 µmol	4/Pkg	46,00
N2	GEN061580	CPG Synthesis Column (500Å), T, 1.0 µmol	4/Pkg	46,00
N2	GEN061750	CPG Synthesis Column (500Å), dA(bz), 15 µmol	Each	103,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
N2	GEN061760	CPG Synthesis Column (500Å), dC(bz), 15 µmol	Each	103,00
N2	GEN061770	CPG Synthesis Column (500Å), dG(ibu), 15 µmol	Each	103,00
N2	GEN061780	CPG Synthesis Column (500Å), T, 15 µmol	Each	103,00

Controlled Pore Glass (CPG) Bulk

N2	GEN060753	dA(bz) derivatized Bulk CPG, (500Å)	1.0 g	114,00
N2	GEN060763	dC(bz) derivatized Bulk CPG, (500Å)	1.0 g	114,00
N2	GEN060773	dG(ibu) derivatized Bulk CPG, (500Å)	1.0g	114,00
N2	GEN060783	T derivatized Bulk CPG, (500Å)	1.0g	114,00
N2	GEN060703	dA(bz) derivatized Bulk CPG, (1000Å)	1.0 g	114,00
N2	GEN060713	dC(bz) derivatized Bulk CPG, (1000Å)	1.0 g	114,00
N2	GEN060723	dG(ibu) derivatized Bulk CPG, (1000Å)	1.0 g	114,00
N2	GEN060733	T derivatized Bulk CPG, (1000Å)	1.0 g	114,00
N2	GEN901041	dA(bz) derivatized Bulk CPG, (500Å)	10.0 g	915,00
N2	GEN901043	dG(ibu) derivatized Bulk CPG, (500Å)	10.0 g	915,00
N2	GEN901044	T derivatized Bulk CPG, (500Å)	10.0 g	915,00

MemSyn™ DNA Synthesis Devices

N2	GEN050006	MemSyn DNA Synthesis Devices dA(bz), 50 nmol	4/Pkg	38,00
N2	GEN050016	MemSyn DNA Synthesis Devices dC(bz), 50 nmol	4/Pkg	38,00
N2	GEN050026	MemSyn DNA Synthesis Devices dG(ibu), 50 nmol	4/Pkg	38,00
N2	GEN050036	MemSyn DNA Synthesis Devices T, 50 nmol	4/Pkg	38,00
N2	GEN050004	MemSyn DNA Synthesis Devices dA(bz), 0.2 µmol	4/Pkg	53,00
N2	GEN050014	MemSyn DNA Synthesis Devices dC(bz), 0.2 µmol	4/Pkg	53,00
N2	GEN050024	MemSyn DNA Synthesis Devices dG(ibu), 0.2 µmol	4/Pkg	53,00
N2	GEN050034	MemSyn DNA Synthesis Devices T, 0.2 µmol	4/Pkg	53,00

MemSyn HV, Bulk Packaged Derivatized Membranes to fit MemSyn Devices

N2	GEN050061	MemSyn HV dA(bz) derivatized membranes, 50 nmol	100 Disks	310,00
N2	GEN050062	MemSyn HV dC(bz) derivatized membranes, 50 nmol	100 Disks	310,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
N2	GEN050063	MemSyn HV dG(ibu) derivatized membranes, 50 nmol	100 Disks	310,00
N2	GEN050064	MemSyn HV T derivatized membranes, 50 nmol	100 Disks	310,00
N2	GEN050074	MemSyn HV dA(bz) derivatized membranes, 0.2 µmol	100 Disks	335,00
N2	GEN050075	MemSyn HV dC(bz) derivatized membranes, 0.2 µmol	100 Disks	335,00
N2	GEN050076	MemSyn HV dG(ibu) derivatized membranes, 0.2 µmol	100 Disks	335,00
N2	GEN050077	MemSyn HV T derivatized membranes, 0.2 µmol	100 Disks	335,00

MemSyn Devices and Supporting Consumables

N2	GEN050081	MemSyn HV Device, 50 nmol	20/Pkg	142,00
N2	GEN050079	MemSyn HV Device, 0.2 µmol	20/Pkg	142,00
N2	GEN050080	MemSyn HV Tags (A,G,C,T) for 50 nmol Device	20/Pkg	95,00
N2	GEN050078	MemSyn HV Tags (A,G,C,T) for 0.2 µmol Device	20/Pkg	130,00
N2	GEN050072	MemSyn HV Device Opener	Each	42,00
N2	GEN050071	MemSyn HV Device Closer	Each	340,00

Empty Synthesis Columns for Expedite and Cyclone Systems

N1	GEN860459	50 nmol/0.2 µmol Columns, Use with 11 mm Crimpers	10/Pkg	131,00
N1	GEN860458	1.0 µmol Columns, Use with 11 mm Crimpers	10/Pkg	171,00

Liquid Reagents for Expedite 8909, Cyclone, CyclonePlus and 8800 Systems

N3	GEN066870	Anhydrous Acetonitrile, Amidite Diluent	100 ml	23,00
N3	GEN066830	Dichloroacetic Acid/Dichloromethane, Deblock Solution	450 ml	40,00
N3	GEN066880	Tetrazole/Acetonitrile, Amidite Activator Solution	120 ml	91,00

Liquid Reagents for Expedite 8905 System

N3	GEN902005	Anhydrous Acetonitrile, Amidite Diluent	50 ml	17,00
N3	GEN089690	Trichloroacetic Acid/Dichloromethane, Deblock Solution	180 ml	34,00
N3	GEN089890	Trichloroacetic Acid/Dichloromethane, Deblock Solution	900 ml	80,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
N3	GEN089680	Tetrazole/Acetonitrile, Amidite Activator Solution	60 ml	46,00
N3	GEN089880	Tetrazole/Acetonitrile, Amidite Activator Solution	200 ml	137,00
N3	GEN089885	Tetrazole/Acetonitrile, Amidite Activator Solution	450 ml	160,00
N3	GEN066885	Tetrazole/Acetonitrile, Amidite Activator Solution	2.5 l	630,00
N3	GEN089810	Acetic Anhydride Solution, Cap A	200 ml	51,00
N3	GEN089815	Acetic Anhydride Solution, Cap A	450 ml	91,00
N3	GEN066815	Acetic Anhydride Solution, Cap A	2.5 l	228,00
N3	GEN089820	N-Methylimidazole Solution, Cap B	200 ml	68,00
N3	GEN089825	N-Methylimidazole Solution, Cap B	450 ml	120,00
N3	GEN066825	N-Methylimidazole Solution, Cap B	2.5 l	340,00
N3	GEN089850	Iodine Solution, Oxidizer	200 ml	57,00
N3	GEN089855	Iodine Solution, Oxidizer	450 ml	120,00
N3	GEN089860	Acetonitrile Wash Solution	300 ml	37,00
N3	GEN089865	Acetonitrile Wash Solution	450 ml	48,00
N3	GEN002006	Acetonitrile Wash Solution (External) For use with Fast Deprotecting tBPA Amidites and Columns.	2.5 l	103,00

Liquid Reagents for 8800 System

N3	GEN068830	Dichloroacetic Acid/Dichloromethane, Deblock Solution	900 ml	91,00
N3	GEN068880	Tetrazole/Acetonitrile, Amidite Activator Solution	900 ml	315,00
N3	GEN068810	Acetic Anhydride Solution, Cap A	900 ml	131,00
N3	GEN068820	N-Methylimidazole Solution, Cap B	900 ml	154,00
N3	GEN068850	Iodine Solution, Oxidizer	900 ml	91,00
N3	GEN066855	Iodine Solution, Oxidizer	2.5 l	228,00

Liquid Reagent Kits for Expedite 8909 and Cyclone Systems

N3	GEN089800	Expedite 800 Cycle Liquid Reagent Kit Includes: One each of P/N GEN089865, P/N GEN066870, P/N GEN089810, P/N GEN089820, P/N GEN089850, P/N GEN089890, P/N GEN089880	Each	430,00
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DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
N3	GEN089600	Expedite 150 Cycle Liquid Reagent Kit Includes: One each of P/N GEN089865, P/N GEN089610, P/N GEN089620, P/N GEN089650, P/N GEN089680, P/N GEN089690, P/N GEN902005	Each	177,00
N3	GEN066210	Cyclone 200 Cycle Liquid Reagent Kit Includes: One each of P/N GEN066810, P/N GEN066820, P/N GEN066830, P/N GEN066850, P/N GEN066870, P/N GEN066880	Each	228,00

Other Supplies

Trap-Pak™ Molecular Sieve Bags

Trap-Pak bags are tightly sealed membrane packets containing molecular sieves to efficiently adsorb water. Use Trap-Pak bags to reduce and maintain a low water content in acetonitrile and tetrazole (Activator) solutions. In conditions of high humidity, add one bag to each bottle of activator or amidite diluent on opening.

N1	GEN084034	Trap-Pak Molecular Sieve Bags (Mini)	1/Pkg	9,00
N1	GEN084033	Trap-Pak Molecular Sieve Bags (Medium)	1/Pkg	9,00

V-Vial

N1	GEN103039	V-Vial, 5 ml, For Specialty Amidites on Expedite 8905/8909 System	1/Pkg	21,00
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PNA

Reagents For PNA Synthesis

Expedite Fmoc Reagents

Monomers

P1	GEN063014	Fmoc-A-(Bhoc)-OH Monomer	0.508 g	217,00
P1	GEN063015	Fmoc-C-(Bhoc)-OH Monomer	0.493 g	217,00
P1	GEN063016	Fmoc-G-(Bhoc)-OH Monomer	0.519 g	217,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
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P1	GEN063017	Fmoc-T-OH Monomer Sufficient for 37 cycles of synthesis	0.355 g	171,00
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Fmoc Support and Spacer

P1	GEN063051	2.0 µmol Columns (Universal) Fmoc-PAL-PEG-PS	4/Pkg	34,00
P1	GEN063053	2.0 µmol Column (Universal) Fmoc-XAL-PEG-PS	Each	34,00
P1	GEN063032	Fmoc-AEEA-OH Spacer (20 Cycles)	0.193 g	103,00

Fmoc PNA Reagents

N3	GEN063104	PNA Expedite Monomer Diluent	15 ml	11,00
P1	GEN063080	PNA Activator, HATU	0.932 g	23,00
N3	GEN063100	PNA Base Solution, DMF/Lutidine/DIPEA	15 ml	17,00
N3	GEN063101	PNA Deblock Solution, DMF/Piperidine	200 ml	17,00
N3	GEN063102	PNA Capping Solution, DMF/Lutidine/Acetic Anhydride	200 ml	23,00
P2	GEN910003	DMF (N,N-Dimethylformamide) Peptide Synthesis Grade, Low Amine	1 l	40,00
N3	GEN063103	PNA Wash B Solution, DMF	200 ml	18,00

tBoc PNA Reagents

Monomers

P1	GEN063011	Boc-A(Z)-OH Monomer	1.0 g	430,00
P1	GEN063013	Boc-C(Z)-OH Monomer	1.0 g	430,00
P1	GEN063012	Boc-G(Z)-OH Monomer	1.0 g	430,00
P1	GEN063010	Boc-T-OH Monomer	1.0 g	430,00

Spacer

P1	GEN063035	tBoc-AEEA-O-DHCA, 0.25g PNA Spacer	0.25 g	86,00
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DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
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tBoc PNA Solvents and Reagents

P2	GEN910003	DMF (N,N-Dimethylformamide) Peptide Synthesis Grade, Low Amine	1 l	40,00
P2	GEN002007	DMF (N,N-Dimethylformamide) Peptide Synthesis Grade, Low Amine	2,5 l	81,00
P2	GEN902017	DCM (Dichloromethane)	1 l	27,00
P2	GEN910004	TFA (Trifluoroacetic acid)	100 ml	98,00
P2	GEN075000	DIPEA (N,N-Diisopropylethylamine) Density 0.742 g/ml	4 x 90 ml	162,00
P2	GEN076521	HATU	5 g	105,00
P2	GEN076523	HATU	25 g	425,00
P2	GEN076525	HATU	100 g	1.370,00
P2	GEN076527	HATU	1000 g	12.600,00

PNA Probe Custom Synthesis

ON	4330093	PNA Probe (5') N-terminal Single Labeled The probe contains 6-18 bases, OO linker and (5') N-terminus label, options: Bio = Biotin, Flu = Fluorescein, or TAMRA = TAMRA™ dye	30 nmol	850,00
ON	4330094	PNA Probe, (5') N- or (3') C-terminal Amino Acid The probe contains 6-18 bases, and (5') N- or (3') C-terminus label, options: Lys = Lysine, Cys = Cysteine or OO linker.	30 nmol	790,00
ON	4330095	PNA Probe, Unlabeled The probe contains 6-18 bases and O linkers. (Optional acetylation.)	30 nmol	565,00
	4330096	PNA Probe, 3' and 5' Dual Amino Acid The probe contains 6-18 bases, OO linker and (3') C-terminus and (5) N-terminus symmetric labels. Label options are Lys, Cys, Gly or Glu.	30 nmol	1.130,00
ON	4330098	PNA Probe, (5') N-terminal Exotic Labeled The probe contains 6-18 bases, OO linker and (5') N-terminus label, options: Cy3 = Cy3, Cy5 = Cy5, Dig = Digoxigenin, or SMCC = Succinimidyl maleimidylmethyl cyclohexane carboxylate.	20 nmol	1.150,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
	4330099	PNA Probe, Clamp (5') N-Terminal Label The probe contains two 6-8 base sequences, OO linker and a (5') N-terminus label. Label options are Bio, Flu, TAMRA or SMCC = Succinimidyl maleimidylmethyl cyclohexane carboxylate.	20 nmol	1.630,00
ON	4337106	PNA Probe, Standard Labels with Amino Acids The probe contains 6-18 bases, OO linker, (5') N-terminus standard label with a (3') C-terminal amino acid label. 5 label options are Bio, Flu or TAMRA; 3 label options are Lys or Cys.	20 nmol	1.260,00
ON	4337107	PNA Probe, Telomere This 18-base telomere probe is available labeled at the (5') N-terminal with OO linker and either Cy3 or Fluorescein. The probe is supplied in solution and has been optimized for in situ hybridization experiments. There is sufficient probe for 10 assays.	10 assays	188,00

Accessories

Accessories for ABI 3900 DNA Synthesizer

4324169	Column Removal Tool for ABI 3900 System	Each	400,00
4331623	Column Insertion Tool for ABI 3900 System	Each	515,00
4332808	96-Well Cleavage and Deprotection Apparatus for ABI 3900 System Columns	Each	740,00
4324172	96-Well Column Adapter for ABI 3900 System	Each	217,00

ABI 391 Instrument Accessories for PCR-MATE® Instrument Systems

401951	OKIDATA® Printer, Parallel, 120V	Each	940,00
201428	OKIDATA Printer Ribbon	Each	10,00
400982	Upgrade to Extended Programmability Includes: Syncom II	Each	5.000,00
401258	Syncom II for the ABI 381A and 391EP instruments Includes: Cable	Each	495,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
Accessories for ABI 392 and 394 DNA/RNA Synthesizers				
	700001	Upgrade Kit, 4 Columns	Each	28.550,00
	700002	Upgrade Kit, 8 Base Positions	Each	8.550,00
	700009	Extended Capacity Upgrade ABI 392/394 Synthesizer (2g Amidites)	Each	3.420,00
	700022	AutoAnalysis Upgrade Kit for ABI 392 DNA/RNA Synthesizer Includes: Installation and Training	Each	5.700,00
	700021	AutoAnalysis Upgrade Kit for ABI 394 DNA/RNA Synthesizer Includes: Installation and Training	Each	7.150,00
	700047	68 Pin CPU Kit for Serial Number 93031318J and below	Each	2.570,00
	401443	OligoNet™ Communication Software, with Cable and User's Manual Requires ABI 392/394 Instrument Software Version 2.00 or later	Each	2.200,00
	604038	Kit, Mel Card 68 pin, Version 2.01 for ABI 392/394	Each	300,00
	401467	Copy License for OligoNet™ Software (One Copy Only) Does Not Include User's Manual	Each	630,00
	401953	OKIDATA Printer, Serial, 120V	Each	1.000,00
	201428	OKIDATA Printer Ribbon	Each	10,00
N3	400048	DNA Collection Vials with Caps Includes: 10 x 4 ml vials with Teflon® coating-faced caps.	10/Pkg	46,00

User Installable parts

User Installable Parts for PCR-MATE Instrument Systems

	601927	Base/Tetrazole Calibrated Line (Yellow)	Each	86,00
	100170	Battery, Lithium 1200 mAh	Each	21,00
P2	400790	Seals for 200 mL Bottle	10/Pkg	13,00
P2	400501	Seals for 450 mL Bottle	10/Pkg	13,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
	100157	Cable, Centronics	Each	12,00
	602458	Cap Assembly, 4 L, 1/8" T, 2 Line (for Bottle 18)	Each	90,00
	3559	Cap Receptacle Ratchet, for 16 oz. Bottle	Each	11,00
	3558	Cap Receptacle Ratchet, for 8 oz. Bottle	Each	14,00
	601947	Capping Reagent Calibrated Line (Yellow)	Each	87,00
	592	Connector, Male Luer/F 1/4" -28	Each	25,00
	200215	Fan Filter, 80 mm	Each	16,00
	2589	Ferrule, Pre Tee Tite 1/16" ID	Each	7,00
	110127	Fitting, Male to Male Luer (for OPC)	Each	7,00
	2588	Fitting, Pre Tee Tite 1/16" ID	Each	7,00
	2268	Gasket, EPR 1.38 x 0.88 x 0.030 (4 L Bottle)	Each	11,00
	1208	Housing Receptacle/Ratchet	Each	9,00
	601945	Insert, 14	Each	35,00
	601852	Insert, 1-5	Each	102,00
	601946	Insert, 9-12, 15	Each	35,00
	221014	KalRez [®] O-Ring, 5/16" ID-1/2 OD (Phosphoramidite)	Each	77,00
	3560	Lid for Receptacle Ratchet (Locking Ring)	Each	11,00
	161	Plastic Bushing, 1/16"	Each	7,00
	48	Plastic Bushing, 1/8"	Each	7,00
	900916	Pre-Install Manual ABI 391 and ABI 391EP system, Rev. F	Each	12,00
	140041	Safety Carrier, 1 Gallon Bottle	Each	260,00
	160	Teflon Ferrule, 1/16"	Each	7,00
	49	Teflon Ferrule, 1/8"	Each	7,00
	3020	Teflon [®] Manifold, 8-port	Each	143,00
	600223	Trityl Line Tube Assembly	Each	7,00
	900956	User's Installation Manual ABI 391EP, Rev. B	Each	22,00
	900937	User's Manual ABI 391EP system, Rev. B	Each	131,00
	600344	Valve Assembly, Solenoid (Angar)	Each	260,00
	140024	Waste Bottle, 4 L Polyethylene	Each	90,00
	601865	Waste Cap Assembly, 4 L, 1/4" T	Each	128,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
	2571	Wave Spring, Nickel Plated 1.80 OD	Each	7,00
User Installable Parts for ABI 392 and 394 DNA/RNA Synthesizers				
	140063	2 L Bottle, Safety Carrier	Each	86,00
	201030	4 1/2 Fan Filter (for UL approved power supplies)	Each	12,00
	100095	4" Fan Filter (for non-UL approved power supplies)	Each	14,00
	602458	Cap Assembly, 4 L, 1/8" T, 2 Line (for Bottle 18)	Each	90,00
	602187	Assembly, Insert Capping	Each	39,00
	602188	Assembly, Insert Iodine	Each	39,00
	602186	Assembly, Insert NH ₄ OH	Each	41,00
	602183	Assembly, Insert R1-R8	Each	102,00
	602185	Assembly, Insert TCA	Each	39,00
	602184	Assembly, Insert Tetrazole	Each	35,00
	602544	Assembly, Waste Cap	Each	175,00
	110181	Barb, Long 1/4" -28	Each	19,00
P2	400790	Seals for 200 mL Bottle	10/Pkg	13,00
P2	400501	Seals for 450 mL Bottle	10/Pkg	13,00
	3661	Bracket, Fraction Collector (always order with P/N 212159)	Each	141,00
	110097	Brass Ferrule, 1/4"	Each	7,00
	110096	Brass Nut, 1/4"	Each	7,00
	3559	Cap Receptacle Ratchet, for 16 oz. Bottle	Each	11,00
	3558	Cap Receptacle Ratchet, for 8 oz. Bottle	Each	14,00
	130046	Check Valve, EPR Duckbill	Each	32,00
	225049	Column Connector Tubing	foot	7,00
	592	Connector, Male Luer/F 1/4" -28	Each	25,00
	110070	Coupling, 1/4" -28 Flange	Each	9,00
	2589	Ferrule, Pre Tee Tite 1/16" ID	Each	7,00
	110127	Fitting, Male to Male Luer (for OPC)	Each	7,00
	2588	Fitting, Pre Tee Tite 1/16" ID	Each	7,00
	2268	Gasket, EPR 1.38 x 0.88 x 0.030 (4 L Bottle)	Each	11,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
	602190	Glass Point Restrictor	6/Pkg	176,00
	1208	Housing Receptacle/Ratchet	Each	9,00
	140040	Jerrycan 2.5 Gallon PE	Each	153,00
	221014	KalRez [®] O-Ring, 5/16" ID-1/2 OD (Phosphoramidite)	Each	77,00
	401082	Kit, Spare Parts	Each	445,00
	200082	Knob, Slide Black	Each	8,00
	3560	Lid for Receptacle Ratchet (Locking Ring)	Each	11,00
	602189	Matched Line R1-R8	Each	7,00
	602278	Measuring Line Tube Assembly	Each	10,00
	221019	O-Ring, 0.364 ID (Deprotect Vial)	Each	7,00
	161	Plastic Bushing, 1/16"	Each	7,00
	48	Plastic Bushing, 1/8"	Each	7,00
	110048	Plug, 3/8 Ferrule, Tee	Each	33,00
	901354	Pre-Installation Manual	Each	10,00
	100390	Printer Cable, Macintosh [®] Computer to ImageWriter [®] I Printer	Each	27,00
	140041	Safety Carrier, 1 Gallon Bottle	Each	260,00
	212159	Screw, 6-32 x 0.25 Knurled (for use with P/N 003661)	Each	15,00
	200270	Solvent Inlet Filter, 40 µm (for use with P/N 0673-0026)	Each	90,00
	160	Teflon Ferrule, 1/16"	Each	7,00
	49	Teflon Ferrule, 1/8"	Each	7,00
	110130	Teflon Tee	Each	37,00
	602182	Trityl Line Tube Assembly	Each	7,00
	902351	User's Manual, V 2.0 Auto Analysis Software	Each	227,00
	2571	Wave Spring, Nickel Plated 1.80 OD	Each	7,00

User Installable Parts for Expedite Systems

GEN210212	Adapter, DB-25M to RJ45	Each	29,00
GEN330220	Bottle, 1L, Plastic Coated, (External Deblock, Trityl Waste)	Each	17,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
	GEN102461	Bottle, 2L, Plastic Coated, (Wash)	Each	47,00
	GEN210219	Cable, Frac. Col., ISCO, 8900 System	Each	22,00
	GEN210209	Cable, Interconnect, RJ45 Flat	14 foot	43,00
	GEN334020	Cap Insert, 45 mm, Ring	Each	106,00
	GEN306850	Cap Ring, 38 mm, Bottle	Each	60,00
	GEN306840	Cap Ring, 45 mm, Bottle	Each	134,00
	GEN210203	Ferrule, PEEK, 1/8"	10/Pkg	25,00
	GEN210202	Fitting, Flangless, PEEK, 1/8"	10/Pkg	23,00
	GEN311660	Fitting, Quick Disconnect, Male	5/Pkg	37,00
	GEN210147	Fuse, 2A, 5 x 20 mm	2/Pkg	7,00
	GEN210167	Kit, O-Ring, Caddy, 8909 System	2/Pkg	7,00
	GEN210166	Kit, O-Ring, Nucleotide Reservoir (Amidite), 8905 System	5/Pkg	7,00
	GEN210165	Kit, O-Ring, Nucleotide Reservoir (Amidite), 8909 System	9/Pkg	7,00
	GEN210164	Kit, O-Ring, Reagent Reservoir, 8905/09 System	11/Pkg	7,00
	GEN210169	Kit, Reservoir, Filter, 8905 System	12/Pkg	42,00
	GEN210168	Kit, Reservoir, Filter, 8909 System	19/Pkg	21,00
	GEN317081	O-ring, for 38 mm Cap, for use with 4 L bottles	10/Pkg	8,00
	GEN210222	Uninterruptible Power Supply (115 Vac) Kit w/Cable	Each	590,00
	GEN210282	Uninterruptible Power Supply (220 Vac) Kit w/Cable	Each	1.120,00

User Installable Parts for M.O.S.S.

GEN210204	Coupler, 1/4" -28, PPS	5/Pkg	110,00
GEN210201	Ferrule, PEEK, 1/16"	10/Pkg	62,00
GEN600317	Filters, Inline	2/Pkg	58,00
GEN600316	Filters, Post Column	16/Pkg	34,00
GEN210200	Fitting, Flangless, 1/16"	10/Pkg	25,00
GEN600251	Plugs, 1/4"-28	10/Pkg	7,00
GEN210207	Tee, 1/4" -28, PEEK, 0.02 ID	Each	26,00
GEN322310	Union, Column, Polypropylene, F/F	5/Pkg	10,00

DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR
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Operator's Manuals for the Expedite Systems

GEN601318	Expedite 8900 Documentation Set Includes: Expedite 8900 Nucleic Acid Synthesis System User's Guide and Expedite 8900 Nucleic Acid Synthesis System Quick Reference Card	Each	98,00
GEN601309	Expedite 8900 Nucleic Acid Synthesis System Macintosh [®] Computer Interface User's Guide	Each	33,00
GEN601307	Multiple Oligo Synthesis System (M.O.S.S.) for the Expedite 8900 Nucleic Acid Synthesis System User's Guide	Each	33,00
GEN601308	PNA Chemistry for the Expedite 8900 Nucleic Acid Synthesis System User's Guide	Each	33,00

DNA and PNA Synthesis Instruments and Consumables

Price List

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DNA and PNA Synthesis Instruments and Consumables

Price List

MPG	Part Number	Description	Volume/Quantity	EUR

Ordering Information

Delivery charge per order 15,00

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