

Oligonucleotide Synthesis Kit 100 Oligos, 3000 bases

Box 1:

Reagent	Specification	Package Size	Catalog No.
Acetonitrile	Water content <15 ppm	2x 2.5 L	NC-0602-2500
Water	Deionized, sterile	1x 2.5 L	NC-25
Deblocking solution	Hyacinth Deblocking 3% Dichloroacetic acid in toluene water content <30 ppm	1x 2.5 L	NC-0402-2500

Box 2:

Reagent	Specification	Package Size	Catalog No.
Activator	0.25 M Hyacinth BMT in Acetonitrile (5-Benzylmercapto-1H-tetrazole, BTT) purity >98%, water content <20 ppm	1x 450 mL	NC-0602-2500
Capping A	THF / pyridine / acetic anhydride (V / V / V = 80 / 10 / 10)	1x 450 mL	NC-0706-450
Capping B	16% N-methylimidazole in THF	1x 450 mL	NC-0801-450
Oxidizer	Hyacinth Oxidizer 0.05 M iodine in pyridine / water (V / V = 90 / 10)	1x 450 mL	NC-0502-450
Cleavage solution	conc. Ammonium hydroxide (≥28%)	1x 450 mL	NC-0901-450
Gelfiltration columns	Centri•Pure N10, hydrated gel filtration column for nucleic acid purification (for 0.5-1 ml sample volume)	1x 30 columns	CP-0104-50
Synthesis columns	<u>5'-DMT-dA(Bz)</u> , <u>5'-DMT-dC(Ac)</u> , <u>5'-DMT-dG(iBu)</u> , 5'-DMT-T	25 columns of each nucleoside	KA-A-25 KA-C-25 KA-G-25 KA-T-25
Phosphoramidites	<u>5'-DMT-dA(Bz)</u> , <u>5'-DMT-dC(Ac)</u> , <u>5'-DMT-dG(iBu)</u> , 5'-DMT-T	3x 0.5 g of each amidite	10-1000-C5 10-1015-C5 10-1029-C5 10-1030-C5
Purification OPC	100x reaction tubes, 1x 10ml-syringe	Steel holder incl.	KA-P-OPC