Life Science

Price Hit!

Valid from 1 October to 31 December 2026
Further special prices: see current Life Science-Brochure!

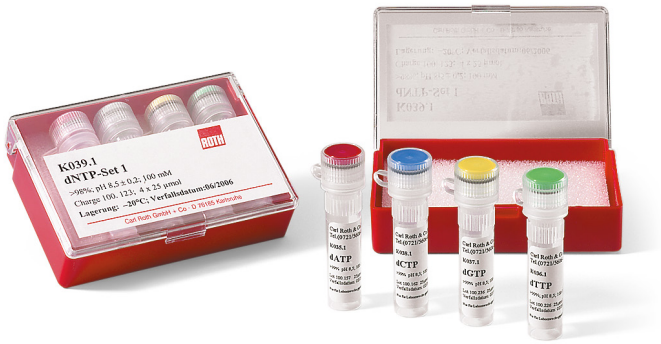
-30 %

Nucleotides

dNTP Sets and dNTP Mixtures

Applicable to
PCR, light-cycling, cDNA synthesis, labelling and primer-extension, mutagenesis-assays, sequencing reactions and *in vitro* transcription.

All Carl ROTH nucleotides are produced from high-quality starting reagents and carefully checked for quality. The quality check always includes a “long-run-PCR”, repeated quantitative runs in the light cycler and physical stability tests.



- Available as ready-to-use set or mix, for contamination-free applications
- Can be optimally combined with ROTI®Pol DNA polymerases from Carl ROTH
- Tested for “long range PCR”
- DNAse-, RNAse-, Protease- and Phosphatase-free
- Free of PCR inhibitors like modified bases and tetra-pyrophosphate
- Adjusted to pH 8,5 for superior stability even during larger numbers of freeze-and-thaw cycles
- Highly efficient enzymatic fabrication of dATP, dGTP, dCTP and dUTP. dTTP ist synthesized chemically.

dNTP Sets

DNase-free · RNase-free · Protease-free · Phosphatase-free · PCR inhibitor-free

Product name	Purity	General application	Instructions for use	Packaging	Art. No.	Pack Qty.	€	€
dNTP-Set 1	≥99 % dATP, dTTP, dGTP, dCTP, 100 mM per dNTP	For PCR and RT, nucleotide set composed of solutions of dATP, dTTP, dGTP, dCTP	Concentration: 100 mM per dNTP Typical end concentration in PCR: 200 µM each	4 x 25 µmol (250 µl), 100 mM	**K039.1**	1 set	~~145,15~~	**101,55**
				5 x 4 x 25 µmol (250 µl), 100 mM	**K039.2**	1 set	~~585,90~~	**410,10**
dNTP-Set 2	≥99 % dATP, dUTP, dGTP, dCTP, 100 mM per dNTP	For PCR and RT, nucleotide set composed of solutions of dATP, **dUTP**, dGTP, dCTP	Concentration: 100 mM per dNTP Typical end concentration in PCR: 200 µM each	4 x 25 µmol	**L540.1**	1 set	~~145,15~~	**101,55**
				5 x 4 x 25 µmol	**L540.2**	1 set	~~585,90~~	**410,10**
dNTP-Set 3	≥99 % dATP, dTTP, dITP, dCTP, 100 mM per dNTP	For PCR and RT, nucleotide set composed of solutions of dATP, dTTP, **dITP**, dCTP	Concentration: 100 mM per dNTP Typical end concentration in PCR: 200 µM each	4 x 25 µmol	**P731.1**	1 set	~~145,15~~	**101,55**
				5 x 4 x 25 µmol	**P731.2**	1 set	~~585,90~~	**410,10**

dNTP Mixtures

ready-to-use · DNase-free · RNase-free · Protease-free · Phosphatase-free · PCR inhibitor-free

Product name	Purity	General application	Instructions for use	Packaging	Art. No.	Pack Qty.	€	€
ROTI®Mix PCR 1	2 mM (/dNTP), 8 mM (total), dATP, dTTP, dGTP, dCTP, ready-to-use	For PCR and RT.	Concentration: 2 mM per dNTP Typical end concentration in PCR: 200 µM each	1 x 1 ml	**L541.1**	1 ml	~~34,30~~	**23,95**
				5 x 1 ml	**L541.2**	5 ml	~~134,40~~	**94,05**
ROTI®Mix PCR 3	10 mM (/dNTP), 40 mM (total), dATP, dTTP, dGTP, dCTP, ready-to-use	For PCR and RT.	Concentration: 10 mM per dNTP Typical end concentration in PCR: 200 µM each	1 x 0.2 ml	**L785.1**	0.2 ml	~~33,90~~	**23,70**
				5 x 0,2 ml	**L785.2**	1 ml	~~134,40~~	**94,05**
				5 x 1 ml	**L785.3**	5 ml	~~547,20~~	**383,00**

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Contact: www.carlroth.com/com/en/Auslandsservice · Contact: www.carlroth.com/com/en/Auslandsvertretungen
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Chemicals

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Further special prices: see current Chemicals-Brochure!

-30 %

ROTH

ROTISOLV®
HPLC Solvents

Product name	Purity	Art. No.	Pack Qty.	€	€
Acetic acid ethyl ester	≥99,9 %, HPLC	**7336.2**	1 l	~~57,55~~	**40,25**
		7336.1	2.5 l	~~112,90~~	**79,00**
Acetonitrile	≥99,95 %, HPLC Ultra Gradient Grade	**T195.1**	1 l	~~119,90~~	**83,90**
		T195.2	2.5 l	~~196,20~~	**137,30**
	≥99,9 %, HPLC Gradient Grade	**8825.1**	1 l	~~75,15~~	**52,55**
		8825.2	2.5 l	~~149,45~~	**104,60**
	≥99,9 %, HPLC Gradient	**HN44.1**	1 l	~~64,40~~	**45,00**
		HN44.2	2.5 l	~~131,70~~	**92,15**
	≥99,9 %, HPLC Grade	**25HY.1**	2.5 l	~~123,65~~	**86,50**
	≥99,9 %, HPLC	**7330.1**	1 l	~~62,25~~	**43,50**
		7330.2	2.5 l	~~112,90~~	**79,00**
	≥99,9 %, HPLC, isocratic	**CN20.1**	1 l	~~60,75~~	**42,50**
		CN20.2	2.5 l	~~112,90~~	**79,00**
	≥99,8 %, for preparative HPLC	**6827.1**	2.5 l	~~91,30~~	**63,85**
		6827.2	25 l	~~650,40~~	**455,25**
tert-Butyl methyl ether	≥99,5 %, HPLC	**T175.2**	1 l	~~67,65~~	**47,30**
		T175.1	2.5 l	~~150,50~~	**105,35**
Dichloromethane	≥99,9 %, HPLC, stabilised with <30 ppm amylene	**7334.2**	1 l	~~55,40~~	**38,75**
		7334.1	2.5 l	~~92,35~~	**64,60**
N,*N*-Dimethyl-formamide (DMF)	≥99,8 %, HPLC	**0702.1**	2.5 l	~~166,65~~	**116,60**
Dimethyl sulphoxide (DMSO)	≥99,9 %, HPLC	**0728.1**	2.5 l	~~220,40~~	**154,25**
n-Heptane	≥99 %, HPLC Grade	**25K2.1**	2.5 l	~~166,65~~	**116,60**
	≥99 %, HPLC	**6828.1**	2.5 l	~~155,90~~	**109,10**

Product name	Purity	Art. No.	Pack Qty.	€	€
n-Hexane	≥98 %, HPLC	**7339.2**	1 l	~~61,20~~	**42,75**
		7339.1	2.5 l	~~123,65~~	**86,50**
Methanol	≥99,95 %, HPLC Ultra Gradient Grade	**X948.1**	1 l	~~37,55~~	**26,20**
		X948.2	2.5 l	~~66,55~~	**46,55**
	≥99,9 %, HPLC Gradient Grade	**7342.2**	1 l	~~33,90~~	**23,70**
		7342.1	2.5 l	~~57,55~~	**40,25**
	≥99,9 %, HPLC Gradient	**KK39.2**	2.5 l	~~45,05~~	**31,50**
	≥99,9 %, HPLC Grade	**25K1.1**	2.5 l	~~48,30~~	**33,75**
	≥99,9 %, HPLC	**P717.2**	1 l	~~28,50~~	**19,90**
		P717.1	2.5 l	~~47,85~~	**33,45**
Tetrahydrofuran	≥99,9 %, HPLC, unstabilised	**7344.1**	1 l	~~87,65~~	**61,30**
		7344.2	2.5 l	~~177,40~~	**124,15**
Toluene	≥99,9 %, HPLC	**7346.2**	1 l	~~57,55~~	**40,25**
		7346.1	2.5 l	~~120,95~~	**84,65**
Trichloromethane/ Chloroform	≥99,9 %, HPLC, stabilised with amylene	**28CP.1**	2.5 l	~~138,70~~	**97,05**
	≥99,9 %, HPLC, stabilised with ethanol	**7331.2**	1 l	~~58,60~~	**41,00**
		7331.1	2.5 l	~~127,95~~	**89,55**
Water	HPLC Gradient Grade	**A511.1**	1 l	~~26,80~~	**18,70**
		A511.2	2.5 l	~~50,00~~	**34,95**
		A511.3	5 l	~~90,85~~	**63,55**
		A511.7	20 l	~~317,15~~	**221,95**
	HPLC	**1C5K.1**	1 l	~~19,90~~	**13,90**
		1C5K.2	2.5 l	~~33,25~~	**23,20**

For safety information and additional data, see www.carlroth.com