



## Genaxxon BioScience dNTP data sheet:

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Genaxxon offers a complete range of nucleoside-5'-triphosphates in highly purified form in different convenient ready-to-use solutions.

The dNTP powders can be used to prepare stock solutions.

Cat #	Amount	Description
M3402.0100	100 mg	<b>dATP Na<sub>4</sub> x 3 H<sub>2</sub>O</b> , deoxyadenosine 5'-triphosphate tetrasodium salt. Purity of substance: 97.0% (UV); 97.5% (HPLC). <b>634.2 g/mole.</b>
M3402.1000	1 g	<b>dATP Na<sub>4</sub> x 3 H<sub>2</sub>O</b> , deoxyadenosine 5'-triphosphate tetrasodium salt. Purity of substance: 97.0% (UV); 97.5% (HPLC). <b>634.2 g/mole.</b>
M3401.0100	100 mg	<b>dCTP Na<sub>4</sub> x 3 H<sub>2</sub>O</b> , deoxycytidine 5'-triphosphate tetrasodium salt. Purity of substance: 97.0% (UV); 96.5% (HPLC). <b>609.2 g/mole.</b>
M3401.1000	1 g	<b>dCTP Na<sub>4</sub> x 3 H<sub>2</sub>O</b> , deoxycytidine 5'-triphosphate tetrasodium salt. Purity of substance: 97.0% (UV); 96.5% (HPLC). <b>609.2 g/mole.</b>
M3403.0100	100 mg	<b>dGTP Na<sub>4</sub> x 3 H<sub>2</sub>O</b> , deoxyguanosine 5'-triphosphate tetrasodium salt. Purity of substance: 99.0% (UV); 97.5% (HPLC). <b>649.2 g/mole.</b>
M3403.1000	1 g	<b>dGTP Na<sub>4</sub> x 3 H<sub>2</sub>O</b> , deoxyguanosine 5'-triphosphate tetrasodium salt. Purity of substance: 99.0% (UV); 97.5% (HPLC). <b>649.2 g/mole.</b>
M3400.0100	100 mg	<b>dTTP Na<sub>4</sub> x 3 H<sub>2</sub>O</b> , thymidine 5'-triphosphate tetrasodium salt. Purity of substance: 99.0% (UV); 98.5% (HPLC). <b>624.2 g/mole.</b>
M3400.1000	1 g	<b>dTTP Na<sub>4</sub> x 3 H<sub>2</sub>O</b> , thymidine 5'-triphosphate tetrasodium salt. Purity of substance: 99.0% (UV); 98.5% (HPLC). <b>624.2 g/mole.</b>

### Usage

The dNTP-sets and -mixes are ready-to-use for DNA-polymerisation reactions, all DNA labelling-and sequencing reactions. Tested for PCR reactions of up to 10 kbp DNA fragments length.

### Caution

dNTPs are stable at -20°C in a constant-temperature freezer. Avoid multiple thawing/freezing. For long term usage we recommend to aliquot nucleotides. dNTP-powder is more stable. Nevertheless frequent temperature changes should also be avoided.

### Related products

Cat #	Description
M3015.4020	Set of 4 x 20 µmol dA, dC, dG, dT solution, 100 mM Na-salt in 200 µl H <sub>2</sub> O.
M3015.4100	Set of 4 x 100 µmol dA, dC, dG, dT solution, 100 mM Na-salt in 1 ml H <sub>2</sub> O.
M3015.4500	Set of 4 x 500 µmol dA, dC, dG, dT solution, 100 mM Na-salt in 5 x 1 ml H <sub>2</sub> O.
M3016.0200	Mix of 4 x 10 µmol dA, dC, dG, dT solution, 10 mM Na-salt in 200 µl H <sub>2</sub> O.
M3016.1010	Mix of 4 x 50 µmol dA, dC, dG, dT solution, 10 mM Na-salt in 1 ml H <sub>2</sub> O.
M3022	100 mM dUTP solution. Available in package sizes of 20 µmole, 100 µmole and 500 µmole.
M3096	Uracil-DNA-Glycosylase. Available in package sizes of 200 units and 1000 units.