

**dNTPs Set, Lösung 100 mM, molecular biology grade** Kat.Nr./Cat.No. : **39705**  
dNTPs Set, solution 100 mM, molecular biology grade

**Produktbeschreibung:**

product description:

**Ultrareiner dNTP-Set, Deoxynukleotid 5'-triphosphate, Tetra-Natriumsalz**

Ultrapure dNTP-Set, Deoxynucleoside 5'-triphosphates, tetrasodium salts

**Physikalische Konstanten, Spektral- und chromatographische Analyse**

physical constants, spectral and chromatographic analysis

	<b>Component A</b> <b>dATP-Na<sub>4</sub></b>	<b>Component G</b> <b>dGTP-Na<sub>4</sub></b>	<b>Component C</b> <b>dCTP-Na<sub>4</sub></b>	<b>Component T</b> <b>dTTP-Na<sub>4</sub></b>
<b>Formel</b> Formula	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub> Na <sub>4</sub>	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> Na <sub>4</sub>	C <sub>9</sub> H <sub>12</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub> Na <sub>4</sub>	C <sub>10</sub> H <sub>13</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> Na <sub>4</sub>
<b>Molekulargewicht</b> Molecular weight	579.11 g/mol	595.11 g/mol	555.10 g/mol	570.10 g/mol
<b>λ<sub>max</sub> (pH 7.0)</b>	259 nm	252 nm	271 nm	267 nm
<b>ε at λ<sub>max</sub></b>	15.1 E x mmol <sup>-1</sup> x cm <sup>-1</sup>	14.2 E x mmol <sup>-1</sup> x cm <sup>-1</sup>	8.9 E x mmol <sup>-1</sup> x cm <sup>-1</sup>	9.5 E x mmol <sup>-1</sup> x cm <sup>-1</sup>
<b>Konzentration</b> Concentration	100 - 110 mM	100 - 110 mM	100 - 110 mM	100 - 110 mM
<b>Menge</b> Amount	25 - 26 µmol	25 - 26 µmol	25 - 26 µmol	25 - 26 µmol
<b>Volumen</b> volume	250 µl	250µl	250µl	250µl
<b>pH</b>	8.4 – 8.6	8.4 – 8.6	8.4 – 8.6	8.4 – 8.6
<b>Reinheit</b> Purity	min. 99.0%	min. 99.0%	min. 99.0%	min. 99.0%
<b>Lagerung (°C)</b> Storage	-15 bis/ to -25	-15 bis/ to -25	-15 bis/ to -25	-15 bis/ to -25

**Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.**

We do not guarantee that the product can be used for a special application.

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