

Data Sheet (06.08.2010)

# dNTP Set with dUTP

4x 100 mM (dATP, dCTP, dGTP, dUTP)

Cat.-No.	Amount.	Conc.
mi-N1009S	4x 250 µl	4x 25 µM
mi-N1009L	4x 1000 µl	4x 100 µM

**Concentration:** 100 - 110 mM

**Form:** clear aqueous solution, pH 8.5 +/-0.1 (4 °C)

**Purity:** ≥ 99 %

Only for *in vitro* use!

For research only!

### Storage conditions:

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Long term storage at -20 °C.

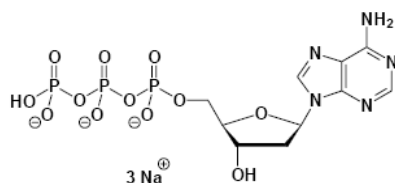
**Under these storage conditions, a guarantee of 12 months after delivery is given.**

### Quality Control Specifications

Suitable for *in vitro* transcription

Contamination with bacterial and human DNA is not detectable

No activity of DNase, Protease or Phosphatase was detectable

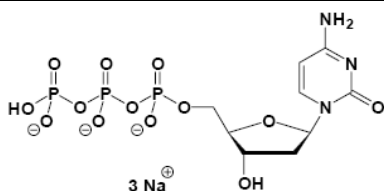


### mi-N1001

2'-Deoxy-adenosine-5'-triphosphate, Sodium salt

Molecular formula: C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub> (Anion)

Molecular weight: 488.16 (Anion)

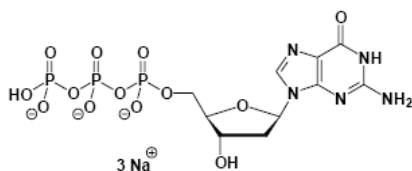


### mi-N1002

2'-Deoxy-Cytidine 5'-triphosphate, sodium salt

Molecular formula: C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub> (Anion)

Molecular weight: 464.13 (Anion)

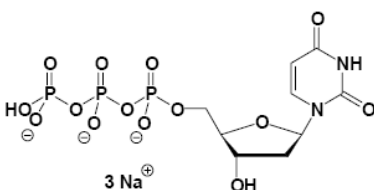


### mi-N1003

2'-Deoxy-Guanosine 5'-triphosphate, sodium salt

Molecular formula: C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> (Anion)

Molecular weight: 504.16 (Anion)



### mi-N1008

2'-Deoxy-Uridine 5'-triphosphate, sodium salt

Molecular formula: C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub> (Anion)

Molecular weight: 481.11 (Anion)