

# NTP Set

**Cat. No.:** PGN048  
**Pack Size** 4 x 25µmol

Storage: -25°C to -15°C

## Description

The NTP Set contains 0.25 mL of 100 mM solutions of each ATP, CTP, GTP and UTP in separate vials.

## General characteristics

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**ATP**  $C_{10}H_{13}N_5O_{13}P_3Na_3$   
MW 573.1 (acid form: 507.2);  $\lambda_{max}=259$  nm,  $\epsilon=15.4 \times 10^3$  M<sup>-1</sup> cm<sup>-1</sup> (pH 7.0)

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**CTP**  $C_9H_{13}N_3O_{14}P_3Na_3$   
MW 549.1 (acid form: 483.1);  $\lambda_{max}=271$  nm,  $\epsilon=9.0 \times 10^3$  M<sup>-1</sup> cm<sup>-1</sup> (pH 7.0)

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**GTP**  $C_{10}H_{13}N_5O_{14}P_3Na_3$   
MW 589.2 (acid form: 523.2);  $\lambda_{max}=253$  nm,  $\epsilon=13.7 \times 10^3$  M<sup>-1</sup> cm<sup>-1</sup> (pH 7.0)

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**UTP**  $C_9H_{12}N_2O_{15}P_3Na_3$   
MW 550.1 (acid form: 484.1);  $\lambda_{max}=262$  nm,  $\epsilon=10.0 \times 10^3$  M<sup>-1</sup> cm<sup>-1</sup> (pH 7.0)

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Tel: +91-11-4502-7000 Email: [info@genetixbiotech.com](mailto:info@genetixbiotech.com) Website: [www.genetixbiotech.com](http://www.genetixbiotech.com)