

## **dGTP (100mM)**

**D745296**

---

Store at -20°C

### **Introduction:**

dGTP, 2'-deoxyguanosine 5'-triphosphate, is commonly used in PCR, real-time PCR, RT-PCR, cDNA or DNA synthesis, primer extension reaction, DNA sequencing, and other conventional molecular biology applications.

The molecular formula of dGTP is  $C_{10}H_{13}N_5O_{13}P_3Na_3$  with a molecular weight of 573.2 (507.2 in acid form). Its maximum absorption wavelength is 253nm.

This dGTP solution is prepared with ultrapure water to a concentration of 100mM. The pH is titrated to 7.0 with high-purity NaOH solution.

This product is free of DNase, RNase, phosphatase and protease.

This product can be directly used for various conventional molecular biology applications such as PCR.

### **Matters needing attention:**

1. This product can be thawed at room temperature. Keep it on the ice for use and store at -20°C immediately after use.
2. This product is for R&D only. Not for drug, household, or other uses.
3. For your safety and health, please wear a lab coat and disposable gloves during the operation.