

## Product components

Components	Component number	Size-1	Size-2
		100 $\mu$ L	1 mL
dGTP (100 mM)	RM20997	100 $\mu$ L	1 mL

## Product Description

Deoxyguanosine triphosphate (dGTP) is a nucleoside triphosphate used in cells for DNA synthesis. A nucleoside triphosphate is a molecule type that contains a nucleoside with three phosphates bound to it. It can be used in PCR, RT, qPCR, RT-qPCR, NGS and other molecular biology experiments. The concentration of this product is 100 mM, diluted with ultrapure water as a sodium salt at pH 7.5.

## Applications

### Product Name:

2'-Deoxyguanosine-5'-triphosphate, sodium salt solution

**Molecular Formula:**  $C_{10}H_{13}N_5Na_3O_{13}P_3$

**Molecular Weight:** 573.13

**CAS No:** 93919-41-6

**Properties:** Colorless transparent solution

## Storage

-20°C

## Note

Can be diluted using sterile distilled water, preferably Milli-Q<sup>®</sup> water, or sterile TE (10mM Tris-HCl, 1mM EDTA , pH 7.5).