



Ver. HB221102

## dCTP Solution (100 mM)

### Product description

dCTP namely 2'-deoxycytidine 5'-triphosphate, is used for molecular biological reaction, such as PCR, real-time PCR, RT-PCR, cDNA Synthesis, Primer extension reaction, DNA sequencing, DNA labelling etc.

This product was in the form of sodium solution, prepared with ultrapure water, adjust pH 7.0 with a high purity NaOH solution. The concentration of dCTP is 100 mmol/L.

Ultra high purity dCTP: >99% trisphosphate by HPLC; Free of DNase and RNase contamination.

### Components

Components No.	Name	10119ES74	10119ES80	10119ES96	10119ES97
10119	dCTP Solution (100 mM)	400 $\mu$ L	1 mL	25 mL	400 mL

### Specifications

Concentration	100 mM
CAS NO.	102783-51-7
Form	Liquid
Purity	>99%
Label or Dye	Unlabeled
For Use With (Application)	PCR Amplification

### Shipping and Storage

The product is shipped with dry ice and can be stored at -15°C ~ -25°C for 2 years. Please avoid repeated freeze-thaw.

### Notes

1. Dissolve at room temperature, store in ice box or ice bath after dissolution, and store at -20°C immediately after use.
2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. This product is for research use ONLY!