dCTP, 100mM (Sodium)
Product Handling Guide

Shipping:	On Dry or Blue Ice
Catalog number:	MDX064
Batch No.:	See vial
Concentration:	100 mM

Store at –20 °C

meridian BIOSCIENCE™

Storage and stability:
dCTP, 100mM (Sodium) is shipped on dry or blue ice. On arrival store at -20 °C for optimum stability. Repeated freeze/thaw cycles should be avoided. Thawing during transportation does not affect the product performance. For long-term storage, aliquoting is recommended.

Expiry:
When stored under the recommended conditions and handled correctly, full activity of the kit is retained until the expiry date on the outer box label.

Safety precautions:
Read and understand the SDS (Safety Data Sheets) before handling the reagents. Hardcopies of the SDS will be provided with the first shipment, thereafter they will be available upon request.

Quality control:
Meridian operates under ISO 13485 Quality Management System. dCTP, 100mM (Sodium) and its components are tested for purity.

Notes:
For research and/or further manufacturing use only.

Description

Ultra-pure dNTPs are synthesized from premium quality raw materials, using highly specific production systems to eliminate impurities and PCR-specific inhibitors such as modified nucleotides, tetraphosphates and pyrophosphates commonly observed in other commercially available dNTP products.

Supplied as sodium salt solution in purified water, dCTP is used in DNA synthesis reactions such as PCR, DNA sequencing and molecular cloning techniques.

Kit components

Table 1

Component
dCTP (100 mM)

dATP Characteristics

2'-deoxycytosine-5'-triphosphate solution

SPECTRAL & HPLC ANALYSIS	PERFORMANCE
Concentration	100mM ± 5%
Appearance	Clear Colorless Solution
dNTP (HPLC Area)	≥ 99%

Related Products	Cat. No.
dATP, 100mM (Sodium)	MDX063
dGTP, 100mM (Sodium)	MDX065
dTTP, 100mM (Sodium)	MDX066
dNTP Mix, 10mM (Sodium)	MDX067
dNTP Mix, 40mM (Sodium)	MDX083
dUTP Mix, 100mM (Sodium)	MDX084
Low DNA Taq HS 5 U/µL	MDX009

Technical Support

For any technical enquiries, please contact our Technical Support team via email at: mbi.tech@meridianlifescience.com

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