

dNTPs

deoxyribonucleotides

CERTIFICATE OF ANALYSIS

#RP63	dNTPs deoxyribonucleotides
Quantity:	1 ml
Batch Number:	565772
Expiry Date:	10.2018
Concentration:	dNTPs MIX 10 mM Total (2,5 mM of each dNTP)
Storage conditions:	Store at -20°C upon receipt. Avoid multiple freezing/thawing cycles. Aliquoting is recommended.
Shipping conditions:	Shipping on dry or blue ice.
Specification:	<p>The dNTPs is a buffered solution of ultrapure deoxynucleoside 5'-triphosphates (dATP, dCTP, dGTP, dTTP), ready to use in PCR, RT-PCR and Real-Time PCR applications. The dNTPs are available as a set of four separate buffered dNTPs solutions (dNTPs SET) and also as an accurate mixture (dNTPs MIX). Ready-to-use dNTPs MIX guarantees high amplification efficiency and prevents incorrect incorporation of dNTP in the synthesized DNA strand.</p> <p>Deoxyribonucleotides are a crucial component of PCR reaction and their chemical purity has a significant influence on the PCR reaction results. They are supplied as lithium salts solutions, which provides extended stability and resistance to repeated freezing and thawing cycles.</p>

QUALITY CONTROL

High quality: the highest purity, determined by means of enzymatic synthesis and high resolution HPLC (> 99% dNTP, < 1% dNDP). Functionality tested inPCR reactions. No unspecific nuclease activity detected.

Quality authorized by: Justyna Leibner-Ciszak **Date:** 03.02.2017

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