

Certificate of Analysis

Product Name: dNTP Mix, 10 mM Solution

Catalog No.: K6011105-1000/400/200/100

Lot No.: _____

Shipping Condition: Dry Ice

Storage Condition: -20°C

Shelf Life: One year from the date of receipt under proper storage condition

Description

The dNTP mix (pH 7.0) in sterilized water contains 10 mM dATP, dCTP, dGTP, and dTTP, respectively.

dATP, (2'-deoxyadenosine 5'-triphosphate, sodium salt) F.W. 609

dCTP, (2'-deoxycytidine 5'-triphosphate, sodium salt) F.W. 569

dGTP, (2'-deoxyguanosine 5'-triphosphate, sodium salt) F.W. 609

dTTP, (2'-deoxythymidine 5'-triphosphate, sodium salt) F.W. 584

Quality Control

1. The concentration is verified by optical density spectrophotometry.
2. This preparation is free of DNase and RNase contamination as determined by incubation of 4 dNTPs with radioactive substrates.
3. The purity of this preparation is determined by HPLC. The minimum passing specification for the triphosphate content is 99.5%.
4. This lot of dNTP Mix has been performance tested with *Taq* DNA Polymerase.

Components:

1. 1000 µl 400 µl 200 µl 100 µl of dNTP mixture.
2. Certificate of Analysis.

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____

