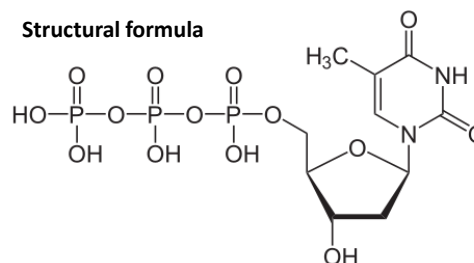


Product Information

dTTP Solution - Sodium Salt

| | | |
|---------------|--------|--------|
| CD4000 | 100 mM | 25 ml |
| CD4001 | 100 mM | 100 ml |
| CD4002 | 100 mM | 5 ml |



Storage

-20°C for 24 months

Description

Ultrapure dTTP supplied as sodium salt in purified water (pH 8.5).

Features

- Ideal for PCR amplification and cDNA synthesis
- Nuclease and ribonuclease free

Applications

- DNA amplification
- cDNA synthesis

Quality Control

| Method | Specification | Result |
|---------------------------|------------------------------------|--------|
| Purity assay (HPLC) | ≥ 99% | Pass |
| Nuclease activity | Not detectable | Pass |
| Ribonuclease activity | Not detectable | Pass |
| Protease activity | Not detectable | Pass |
| Nicking activity | Not detectable | Pass |
| Functional assay (PCR) | Amplify 665 bp and 20 kb amplicons | Pass |
| Functional assay (RT-PCR) | Synthesize cDNA | Pass |