

Terminator A

Terminator C

Terminator G

Terminator T

Termination Mixes for Cycle Sequencing

DNA Sequencing

Product	Cat.-No.	Amount
Terminator A	PCR-411	1 ml
Terminator C	PCR-412	1 ml
Terminator G	PCR-413	1 ml
Terminator T	PCR-414	1 ml

For *in vitro* use only
Quality guaranteed for 12 months
Store at -20°C, avoid frequent thawing and freezing

Terminator A, 1ml

150 µM each dNTP (dATP, dCTP, dGTP / 7-deaza dGTP, dTTP), 1.5 µM ddATP

Terminator C, 1ml

150 µM each dNTP (dATP, dCTP, dGTP / 7-deaza dGTP, dTTP), 1.5 µM ddCTP

Terminator G, 1ml

150 µM each dNTP (dATP, dCTP, dGTP / 7-deaza dGTP, dTTP), 1.5 µM ddGTP

Terminator T, 1ml

150 µM each dNTP (dATP, dCTP, dGTP / 7-deaza dGTP, dTTP), 1.5 µM ddTTP

Description

DNA Cycle Sequencing based on the Sanger Method (dideoxy chain termination method) provides a powerful tool to derive rapidly DNA and gene sequence information as required in a multitude of molecular biological and biotechnological applications. The method requires a specifically engineered Taq polymerase (Sequencing Pol, PCR-206) showing an equal capability of incorporating ddNTPs and dNTPs. This enzyme guarantees the generation of uniform and easy to read sequence band patterns at lowest background. A minimal band compression of GC-rich DNA regions is achieved by the optimally balanced Termination Mixes containing 7-deaza-dGTP.