

# Terminator A

# Terminator C

# Terminator G

# Terminator T

## Termination Mixes for Non-cycle Sequencing

DNA Sequencing

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Product	Cat.-No.	Amount
Terminator A	PCR-416	1 ml
Terminator C	PCR-417	1 ml
Terminator G	PCR-418	1 ml
Terminator T	PCR-419	1 ml

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

### Description

DNA Non-cycle Sequencing (isothermal DNA sequencing) 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 genetically engineered bacteriophage T7 DNA polymerase with completely removed 3'→5' exonuclease activity showing the capability of incorporating nucleotide analogs like ddNTPs and 7-deaza-dGTP. A minimal band compression of GC-rich DNA regions is achieved by the optimally balanced Termination Mixes containing 7-deaza-dGTP.

#### Terminator A, 1ml

80 µM each dNTP (dATP, dCTP, dGTP / 7-deaza dGTP, dTTP), 8 µM ddATP

#### Terminator C, 1ml

80 µM each dNTP (dATP, dCTP, dGTP / 7-deaza dGTP, dTTP), 8 µM ddCTP

#### Terminator G, 1ml

80 µM each dNTP (dATP, dCTP, dGTP / 7-deaza dGTP, dTTP), 8 µM ddGTP

#### Terminator T, 1ml

80 µM each dNTP (dATP, dCTP, dGTP / 7-deaza dGTP, dTTP), 8 µM ddTTP