



Product Information

LAMBDA PHAGE DNA, NON-METHYLATED

Product Number **D 0144**

Lot Number 021K9051

Storage Temperature 2 to 8°C

Product Description

Source: Isolated from host strain *Escherichia coli* GM119. (rm⁻, dam⁻, dcm⁻)

Buffer: Lyophilized from a solution in 1 mM Tris-HCl, pH 7.5, 1mM NaCl, 1 mM EDTA and 476 µg/ml DNA

Ratio A₂₆₀/A₂₈₀: 1.8

M.W.: 31.5 x 106 Daltons

Base Pairs: 48,502

Unique Sites: Apa I, Nae I, Nar I, Nhe I, PaeR7 I, SnaB I, Xba I, Xho I.

Comments

Non-methylated DNA is completely digested by Bcl I, Cla I, Mbo I, Mbo II, Taq I or Xba I whereas methylated DNA (D 9768 or D 3779) is only partially cleaved by these enzymes.

Note: One A260 unit is equivalent to approximately 50 µg of DNA.

References

Sanger, F., et al., J. Mol. Biol. 162, 729 (1982).

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