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Product Information

LAMBDA PHAGE DNA, NON-METHYLATED

Product Number **D 0144**

Lot Number 082K9003

Storage Temperature 2 to 8 °C

Product Description

Source: Isolated from host strain *Escherichia coli* GM119. (r_m^- , dam^- , dcm^-)

This product is lyophilized from a solution of 1 mM Tris-HCl, pH 7.5, 1 mM NaCl, 1 mM EDTA, and 283 $\mu\text{g/ml}$ DNA

Ratio A_{260}/A_{280} : 1.9

M.W.: 31.5×10^6 Daltons

Base Pairs: 48,502

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

Note: One A_{260} unit is equivalent to approximately 50 μg of DNA.

References

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

MAM 10/02

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