

Product Information

LAMBDA PHAGE DNA, NON-METHYLATED

Product Number **D 3654**

Lot Number 105K6091

Storage Temperature: -20 °C

Product Summary

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

Storage Buffer: 10 mM Tris-HCl,
pH 8.0, 1mM NaCl, 1 mM EDTA

Concentration: 329 µg/ml

A260/A280: 1.9

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.

Precautions and Disclaimer

For laboratory use only. Not for drug, household or other uses.

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).

10/05