LAMBDA PHAGE DNA, NON-METHYLATED

Product Number D 3654

Lot Number 071K9120

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: 400 µg/ml

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.

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