

ProductInformation

pBR322 PLASMID DNA

Product No. **D9893**

Lot 081K9029

Storage: 2-8 °C

Product Summary

Isolated from: *Escherichia coli*, ATCC 37017

Buffer: Lyophilized from a solution in
1 mM Tris-HCl, pH 7.5, 1mM NaCl,
1 mM EDTA and 106 µg/ml DNA

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

M.W.: 3.1×10^6 Daltons

Base Pairs: 4,365

Unique Sites: Within the gene for ampicillin resistance:
Pst I, Pvu I, Sca I; Within the gene for tetracycline
resistance: BamH I, EcoR V, Hind III, Nhe I, Nru I, Sal I,
Sph I, Xma III; Other unique sites: Aat II, Ava I, Afl III, Bal
I, BsmI, Cla I, EcoR I, Nde I, Pvu II, Sna I, Ssp I, Sty I,
Tth111 I.

Comments

pBR322 confers resistance to ampicillin and tetracycline.

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

Reference

1. Sutcliffe, J.G., Cold Spring Harbor Symp. **43**, 77
(1979).

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