

Saint Louis, Missouri 63103 USA Telephone (800) 325-5832 (314) 771-5765 Fax (314) 286-7828 email: techserv@sial.com sigma-aldrich.com

ProductInformation

pBR322 PLASMID DNA

Product No. **D9893** Lot 29H9119

Storage: 2-8EC

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 253 μg/ml DNA

Ratio A₂₆₀/A₂₈₀: 1.9

M.W.: 3.1 x 10⁶ 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 μ g of DNA.

Reference

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

3/99

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.