

## Product Information

### 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  $A_{260}/A_{280}$ :** 1.9

**M.W.:**  $3.1 \times 10^6$  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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