Preparation: pBR322 is isolated from *E. coli* ER2686 (dam<sup>+</sup>dcm<sup>+</sup>EcoK<sup>-</sup>) by a standard plasmid purification procedure.

References:

*Sequencing data from Watson (confirmed at New England Biolabs, Inc.) has shown pBR322 to be 4,361 base pairs, not 4,363 base pairs as previously reported.

**Description:** pBR322 DNA is a commonly used plasmid cloning vector in *E. coli* (1). The molecule is a double-stranded circle 4,361* base pairs in length (2). pBR322 contains the genes for resistance to ampicillin and tetracycline, and can be amplified with chloramphenicol. The molecular weight is 2.83 x 10<sup>6</sup> daltons.

Supplied in: 10 mM Tris-HCl (pH 8.0), 1 mM EDTA.