Preparation: pBR322 is isolated from *E. coli* ER2420 (dam' dcm' EcoK M') 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.

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

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 10^6 daltons.