

pUC19 DNA

Catalogue No 305-1, 50 µg

Concentration 0.5µg/µl

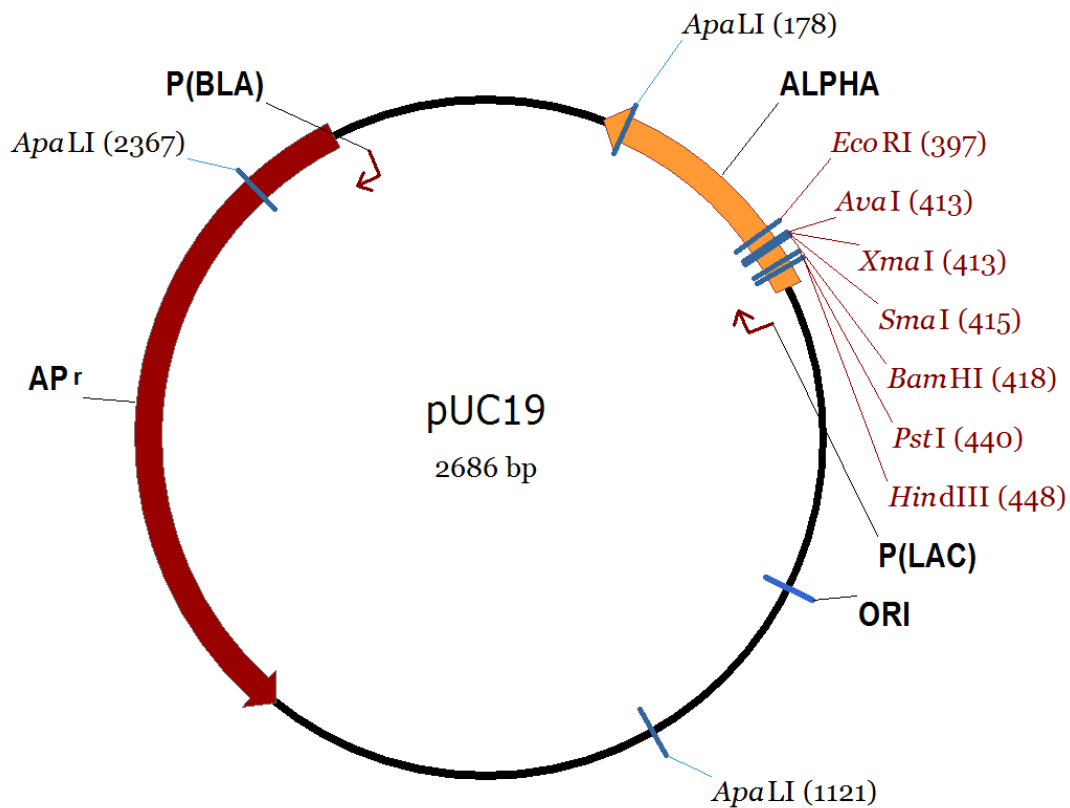
Description: pUC19 is a commonly used plasmid cloning vector in *E. coli*. The molecule is double-stranded circle, 2686 base pairs in length, and has a high copy number. pUC19 carries a 54 base-pair multiple cloning site polylinker that contains unique sites for 13 different hexanucleotide-specific restriction endonucleases. The molecular weight of pUC19 is 1.75×10^6 daltons.

Preparation: pUC19 is isolated from *E. coli* strain HB101 by a standard plasmid purification procedure.

Quality control: Gel analysis for purity. BsiSI and AluI fragmentation patterns.

Storage buffer: 10 mM Tris-HCl (pH 8.0), and 1 mM EDTA. Store at -20°C.

pUC19 map:



pUC19 sequence

tcgcgctttcggatgacgggtgaaaacctctgacacatgacagctcccggagacggtcacagcttctgtgtaagcggatgccggga
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