

pUC19 Vector



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N3041S 036120414041

N3041S

50 µg **Lot: 0361204** **Exp: 4/14**
1,000 µg/ml **Store at -20°C**

Description: pUC19 is a commonly used plasmid cloning vector in *E. coli*. The molecule is a small 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 sites for 13 different hexanucleotide-specific restriction endonucleases (1). The molecular weight of pUC19 is 1.75×10^6 Daltons.

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

Preparation: pUC19 is isolated from *E. coli* ER2272 (dam⁺dcm⁺ EcoK M⁻) by a standard plasmid purification procedure.

Reference:

1. Yanisch-Perron, C., Vieira, J. and Messing, J. (1985) *Gene* 33, 103–119.

CERTIFICATE OF ANALYSIS

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