

# pUC19 Vector



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N3041S 038150517051

## N3041S

**50 µg**      **Lot: 0381505**      **Exp: 5/17**  
**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  $1.75 \times 10^6$  Daltons.

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

**Preparation:** pUC19 is isolated from *E. coli* ER2272 (dam<sup>+</sup>dcm<sup>+</sup> EcoK M<sup>-</sup>) 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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