

## DNA Gyrase (*E. coli*) Substrate



1-800-632-7799  
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N0471S 002140415041

# N0471S

**20 µg**      **Lot: 0021404**    **Exp: 4/16**  
**1,000 µg/ml**      **Store at -20°C**

**Description:** pUC19 relaxed covalently closed circular DNA produced by incubating supercoiled RF I pUC19 DNA with Topoisomerase I (*E. coli*). 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.

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<sup>M<sup>-</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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