

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



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N0471S 001120814081

# N0471S

20 µg Lot: 0011208 Exp: 8/14

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>-) 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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