

DNA Gyrase (*E. coli*) Substrate



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N0471S 002130215021

N0471S

20 µg Lot: 0021302 Exp: 2/15

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⁺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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