

***E. coli* ER2420/
pACYC177**



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E4151S 008140719071

E4151S

Lot: 0081407

Exp: 7/19

Store at -20°C

Description: A suspension of *E. coli* strain ER2420 containing the plasmid pACYC177 which has been grown in rich medium and brought to 50% glycerol. ER2420 background: *EcoK* r⁻ m⁻ / McrBC⁻ Mrr Dcm⁺.

Genotype: F⁻ *ara-14 leu fhuA2 Δ(gpt-proA)62 lacY1 glnV44 galK2 rpsL20(Str^R) xyl-5 mtl-1 Δ(mcrC-mrr)*_{HB101}

Antibiotic Resistance: The plasmid pACYC177 carries a gene encoding resistance to ampicillin (beta-lactamase) and a gene encoding resistance to kanamycin (kanamycin phosphotransferase). To maintain the plasmid cells should be grown with 50–100 µg/ml of amp and 35–50 µg/ml of kanamycin. The plasmid, which is present at a low copy number, should be amplified using a standard chloramphenicol procedure.

Notes: Storage at -70°C is recommended for periods longer than 30 days. Avoid repeated freeze/thaw cycles.

References:

1. Chang, A. and Cohen, S. (1978) *J. Bacteriol.* 134, 1141–1156.
2. Rose, R.E. (1988) *Nucleic Acids. Res.*16, 355.

CERTIFICATE OF ANALYSIS

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