
LMBP BACTERIAL HOST STRAIN

BW313

<u>Species:</u>	<i>Escherichia coli</i>
<u>Group:</u>	K12
<u>Accession number:</u>	LMBP 1325
<u>Deposit date:</u>	01/01/1998
<u>Depositor:</u>	Prof. E. Remaut ^{1 2} ¹ Department for Molecular Biomedical Research, VIB, Ghent, Belgium ² Department of Molecular Biology, Ghent University, Ghent, Belgium
<u>Medium:</u>	LB
<u>Selection marker:</u>	/
<u>Cultivation temperature:</u>	37°C
<u>Original reference:</u>	Kunkel, Proc. Natl. Acad. Sci. USA 82 (1985), 488-492 [PMID: 3881765]
<u>Related reference:</u>	Duncan et al., J. Bacteriol. 151 (1982), 750-755 [PMID: 7047496]
<u>Genotype:</u>	Hfr <i>ung-1 relA1 dut-1 spoT1 thi-1</i>
<u>Phenotype:</u>	/
<u>Properties:</u>	Use of this strain is required for the preparation of single-stranded phage M13 or phasmid DNA to be used in the site-directed mutagenesis method of Kunkel [PMID: 3881765].
<u>Restricted use:</u>	BCCM MTA

Culture recovery and preservation instructions

The enclosed culture has been grown overnight to saturation, confirming its viability. BCCM/LMBP advises to recover it immediately on receipt before use or storage.

Recovery: subculturing into liquid or solid medium according to the cultivation conditions described above.

Long-term preservation: lyophilisation of the subculture
cryopreservation (at -80 °C at the least)