
LMBP BACTERIAL HOST STRAIN

DC10B

These validated data are a snapshot at a given moment; further updates are always possible.

<u>Species:</u>	<i>Escherichia coli</i>
<u>Group:</u>	K12
<u>Accession number:</u>	LMBP 9585
<u>Deposit date:</u>	19/05/2015
<u>Depositor:</u>	Dr I. Monk ¹ ¹ Department of Microbiology and Immunology, Doherty Institute, University of Melbourne, Melbourne, Australia
<u>Other culture collection numbers:</u>	/
<u>Containment level:</u>	This strain has been assigned the containment level 'Class 1' following the European Directive 2009/41/EC on the contained use of genetically modified organisms, and its updates (see also the Belgian risk group classification).
<u>Medium:</u>	LB-Lennox
<u>Selection marker:</u>	/
<u>Cultivation temperature:</u>	37°C
<u>Original reference:</u>	Monk et al., MBio (2012), e00277-11 [PMID: 22434850]
<u>Related reference:</u>	/
<u>Genotype:</u>	<i>mcrA</i> $\Delta(mrr-hsdRMS-mcrBC)$ $\phi 80lacZ\Delta M15$ $\Delta lacX74$ <i>recA1</i> <i>araD139</i> $\Delta(ara-leu)7697$ <i>galU galK rpsL endA1 nupG</i> Δdcm
<u>Phenotype:</u>	Str(R)
<u>Properties:</u>	This bacterial host strain is a DNA cytosine methyltransferase negative mutant of <i>E. coli</i> K12 DH10B. It is a universal Staphylococcal cloning host.
<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)