
LMBP BACTERIAL HOST STRAIN

DP50

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 8014
<u>Deposit date:</u>	13/12/2012
<u>Depositor:</u>	M. Mergeay ¹ and A. Provoost ¹ ¹ SCK.CEN, Mol, Belgium
<u>Other culture collection numbers:</u>	CGSC 6493 Strain number in SCK collection: CM0241
<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 + thymine (25 µg/ml) + diaminopimelic acid (100 µg/ml)
<u>Selection marker:</u>	/
<u>Cultivation temperature:</u>	37°C
<u>Original reference:</u>	Leder et al., Science 196 (1977), 175-177 [PMID: 322278]
<u>Related reference:</u>	/
<u>Genotype*:</u>	<i>F-</i> , <i>fhuA53</i> , <i>dapD8</i> , <i>lacY1</i> or $\Delta(\text{cod-lacI})6$, <i>glnX44(AS)</i> , $\Delta(\text{gal-uvrB})47$, $\lambda-$, <i>gyrA29</i> , ΔthyA57 , <i>hsdS3</i>
<u>Phenotype:</u>	NalR
<u>Properties:</u>	This strain is used for propagation of phage lambda and phage lambda Charon.
<u>Restricted use:</u>	BCCM MTA

* Source: description [CGSC 6493](#)

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)