LMBP BACTERIAL HOST STRAIN

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

Species: Escherichia coli

Group: K12

Accession number: LMBP 9585

Deposit date: 19/05/2015

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Other culture collection numbers: /

Containment level: 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).

Medium: LB-Lennox

Selection marker: /

Cultivation temperature: 37°C

Original reference: Monk et al., MBio (2012), e00277-11 [PMID: 22434850]

Related reference: /

Genotype: mcrA Δ(mrr-hsdRMS-mcrBC) φ80lacZΔM15 ΔlacX74 recA1 araD139 Δ(ara-leu)7697 galU galK rpsL endA1 nupG Δdcm

Phenotype: Str(R)

Properties: This bacterial host strain is a DNA cytosine methyltransferase negative mutant of E. coli K12 DH10B. It is a universal Staphylococcal cloning host.

Restricted use: 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)