LMBP BACTERIAL HOST STRAIN

DH5αpir

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

Species: Escherichia coli

Group: K12

Accession number: LMBP 7962

Deposit date: 27/11/2012

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Other culture collection numbers: /

Biosafety 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. Directive 2009/41/EC defines ‘Class 1’ as follows: “activities of no or negligible risk, that is to say activities for which level 1 containment is appropriate to protect human health and the environment.”

Medium: LB-Miller (10 g/l trypton, 5 g/l yeast extract, 10 g/l NaCl)

Selection marker: Tetracycline (10 µg/ml)

Cultivation temperature: 37°C


Genotype: endA1 hsdR17 glnV44 (= supE44) thi-1 recA1 gyrA96 relA1 φ80d(lacZ)M15 Δ(lacZYA-argF)U169 zdg-232::Tn10 uidA::pir

Phenotype: tetR

Properties: /

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.

different colony sizes can be observed: small and large ones. The difference increases under stress conditions (e.g. freeze-drying).

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