
LMBP BACTERIAL HOST STRAIN

MG1363

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

<u>Species:</u>	<i>Lactococcus lactis</i> subsp. <i>cremoris</i>
<u>Accession number:</u>	LMBP 3019
<u>Deposit date:</u>	14/02/2017
<u>Depositor:</u>	Prof. Dr E. Remaut ^{1,2} ¹ VIB-UGent Center for Inflammation Research, VIB, Ghent, Belgium ² Department of Biomedical Molecular Biology, Ghent University, Ghent, Belgium ← Dr J. Wells ³ ³ Microbiol Genetics and Physiology Section, Institute of Food Research, Colney, Norwich, UK
<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>	M17 + 0.5% glucose (GM17)
<u>Selection marker:</u>	/
<u>Cultivation temperature:</u>	28°C
<u>Cultivation remarks:</u>	Cultivate under unaerated conditions for at least 20 hours.
<u>Original reference:</u>	Gasson, J. Bacteriol. 154 (1983), 1-9 [PMID: 6403500]
<u>Genotype:</u>	/
<u>Phenotype:</u>	/
<u>Properties:</u>	MG1363 is a derivative of <i>L. lactis</i> subsp. <i>cremoris</i> NCDO 712, which was cured of all resident plasmids. Consequently, it cannot ferment lactose and does not produce extracellular protease.
<u>Additional information:</u>	The full genome sequence of this strain is available at the EMBL Nucleotide Sequence Database under accession number AM406671.1 .
<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)