

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>Strain designation:</u>	S26
<u>Accession number:</u>	LMBP 4977
<u>Deposit date:</u>	06/12/2004
<u>Depositor:</u>	Prof. Dr E. Remaut ^{1 2} ¹ Department for Molecular Biomedical Research, VIB, Ghent, Belgium ² Department of Biomedical Molecular Biology, Ghent University, Ghent, Belgium ← Dr A. Garen ³ ³ Department of Molecular Biology and Biophysics, Yale University, USA
<u>Other culture collection numbers:</u>	CGSC 4620
<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>	Garen et al., J. Mol. Biol. 14 (1965), 167-178 [PMID: 5327650]
<u>Related reference:</u>	Remaut et al., J. Mol. Biol. 71 (1972), 243-261 [PMID: 4564480]
<u>Genotype:</u>	<i>Hfr garB10 fhuA22 phoA4(Am) ompF627(T2R) fadL701(T2R) relA1 pitA10 spoT1 rrnB-2 mcrB1 creC510</i> (Source: CGSC 4620)
<u>Phenotype:</u>	phosphatase negative
<u>Properties:</u>	This strain carries the S26 amber mutation (TAG) in the phosphatase gene. This strain is the parental strain of a series of four isogenic strains differing only in their suppressor activity (see accession numbers LMBP 4977 up to and including LMBP 4980).
<u>Restricted use:</u>	BCCM MTA

Culture recovery and preservation instructions

The enclosed culture has been grown overnight to saturation, confirming its viability. BCCM/GeneCorner advises to recover it immediately on receipt before use or storage.

Recovery: subculturing into liquid or solid medium according to the cultivation conditions above

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