

Listeria monocytogenes, Strain FSL R2-503

Catalog No. NR-13230

Product Description: *Listeria monocytogenes* (*L. monocytogenes*), strain FSL R2-503 is a lineage I strain isolated from a 1994 gastrointestinal outbreak in Illinois.

Lot¹: 58580364

Manufacturing Date: 09APR2009

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Growth at 4°C ³ Motility at 26°C Motility at 37°C Biochemical characterization: Analytical profile index (API® Listeria) β-hemolysis ⁴ Catalase activity	Gram-positive rod Report results Growth Positive Positive Consistent with <i>L. monocytogenes</i> Positive Positive	Gram-positive rod Circular, entire and white (Figure 1) Growth Positive Positive Consistent with <i>L. monocytogenes</i> Positive Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1410 bp)	Consistent with <i>L. monocytogenes</i>	Consistent with <i>L. monocytogenes</i> ⁵
Viability (post-freeze)²	Growth	Growth

¹NR-13230 was produced by inoculation of the deposited material into Brain Heart Infusion broth and grown 24 hours at 37°C and aerobic atmosphere. Broth inoculum was added to Kolles (Tryptic Soy Agar with 5% defibrinated sheep blood) which were grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

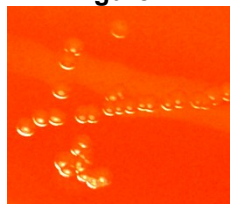
²24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

³7 days in an aerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

⁴Hemolytic activity on blood agar is generally used to distinguish *L. monocytogenes* from other *Listeria* species

⁵Also consistent with other *Listeria* species

Figure 1



Date: 05 MAY 2011

Signature: 

Title: Technical Manager, BEI Authentication or designee

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