

Listeria monocytogenes, Strain FSL N3-165

Catalog No. NR-13233

Product Description: *Listeria monocytogenes* (*L. monocytogenes*), serotype 1/2a, strain FSL N3-165 was isolated from a soil sample from a control farm, without diseased animals, in New York in 2002.

Lot¹: 59413946

Manufacturing Date: 26AUG2010

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

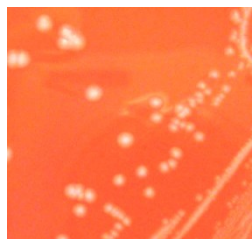
¹NR-13233 was produced by inoculation of the deposited material into Brain Heart Infusion broth and grown 24 hours at 37°C and aerobic atmosphere. Broth inoculum was added to Kolles (Tryptic Soy Agar with 5% defibrinated sheep blood) which were grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

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

³Hemolytic activity on blood agar is generally used to distinguish *L. monocytogenes* from other *Listeria* species

⁴Also consistent with other *Listeria* species

Figure 1



Date: 16 FEB 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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