

**Salmonella enterica subsp. enterica, Strain IN01 (Serovar Tennessee)**

**Catalog No. NR-20740**

**Product Description:** *Salmonella enterica* (*S. enterica*) subsp. *enterica* serovar Tennessee, strain IN01 was isolated in December 2006 from the stool of a 52-year-old patient in Marion County, Indianapolis, Indiana, USA.

**Lot<sup>1</sup>: 61302033**

**Manufacturing Date: 24OCT2012**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphologies <sup>2,3</sup>  Analytical profile index (API <sup>®</sup> 20 E) <sup>4</sup> Vitek <sup>®</sup> Gram-negative identification card (GN)	Report results Report results  Consistent with <i>Salmonella</i> spp. Report results	Gram-negative rods Colony type 1: Circular, low convex, entire and gray (Figure 1) Colony type 2: Irregular, flat, undulate and gray (Figure 2) Consistent with <i>Salmonella</i> spp. Consistent with <i>S. enterica</i> subsp. <i>enterica</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs) Riboprinter <sup>®</sup> Microbial Characterization System	Consistent with <i>S. enterica</i> Consistent with <i>S. enterica</i>	Consistent with <i>S. enterica</i> subsp. <i>enterica</i> Consistent with <i>S. enterica</i> subsp. <i>enterica</i> serovar Tennessee
<b>Serogroup Analysis</b>	Report results	Serogroup C <sub>1</sub> <sup>5</sup>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>The deposited material was inoculated into Tryptic Soy Broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to kolles, which were incubated for 24 hours at 37°C in an aerobic atmosphere to produce this lot.

<sup>2</sup>24 hours at 37°C in an aerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

<sup>3</sup>Two colony types were observed. Plating of the individual colony types showed that they did not revert back to the mixed colony type. The 16S ribosomal RNA gene of each colony type was sequenced and found to be consistent with *S. enterica* subsp. *enterica*.

<sup>4</sup>Additional serological tests are required to determine *Salmonella* species using API<sup>®</sup> 20 E

<sup>5</sup>Serogroup C<sub>1</sub> contains serovar Tennessee in addition to other serovars



**Date:** 08 MAY 2013

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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