

***Salmonella enterica* subsp. *enterica*, Strain SL254 (E20002725) (Serovar Newport)**

**Catalog No. NR-28786**

**Product Description:** *Salmonella enterica* (*S. enterica*) subsp. *enterica* strain SL254 (also referred to as E20002725) was isolated in 2000 from a human stool in Minnesota, USA. This strain is reported to be multi-drug resistant (MDR).

**Lot<sup>1</sup>: 61664487**

**Manufacturing Date: 24APR2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Analytical profile index (API <sup>®</sup> 20 E) <sup>3</sup>	Gram-negative rods Report results  Consistent with <i>Salmonella</i> spp.	Gram-negative rods Circular, low convex, entire, smooth and translucent (Figure 1) Consistent with <i>Salmonella</i> spp.
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1500 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> <sup>4</sup> Consistent with <i>S. enterica</i> subsp. <i>enterica</i> serovar Newport
<b>Serogroup Analysis</b>	Report results	Serogroup C <sub>2</sub> <sup>5</sup>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-28786 was produced by inoculation of the deposited material into Nutrient broth and incubated 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. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>2</sup>24 hours at 37°C in an aerobic atmosphere on Nutrient Agar

<sup>3</sup>Additional serological tests are required to determine *Salmonella* species using API<sup>®</sup> 20 E.

<sup>4</sup>≥ 99% identical to GenBank: CP001113 (*S. enterica* subsp. *enterica*, serovar Newport, strain SL254)

<sup>5</sup>Serogroup C<sub>2</sub> contains serovar Newport in addition to other serovars.

**Figure 1**



**Date:** 06 NOV 2013

**Signature:**

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

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