

***Salmonella enterica* subsp. *enterica*, Strain SL477 (CT\_02021853) (Serovar Dublin)**

**Catalog No. NR-28793**

**Product Description:** *Salmonella enterica* (*S. enterica*) subsp. *enterica*, strain SL477 (CT\_02021853) was isolated in 2004 from a human in Missouri, USA.

**Lot<sup>1</sup>: 61589069**

**Manufacturing Date: 29MAR2013**

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>	Report results Report results  Consistent with <i>Salmonella</i> spp.	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Consistent with <i>Salmonella</i> spp.
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 860 base pairs)	Consistent with <i>Salmonella enterica</i>	Consistent with <i>Salmonella enterica</i> <sup>4</sup>
<b>Serogroup Analysis</b>	Report results	Serogroup D <sup>5</sup>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-28793 was produced by inoculation of the deposited material into Nutrient broth and grown 24 hours in an aerobic atmosphere at 37°C. Broth inoculum was added to kolles which was grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

<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: CP001144 (*S. enterica* subsp. *enterica*, strain CT\_02021853)

<sup>5</sup>Serogroup D contains serovar Dublin in addition to other serovars [Ng, S. P., et al. "Detection and Serogroup Differentiation of *Salmonella* spp. in Food within 30 Hours by Enrichment-Immunoassay with a T6 Monoclonal Antibody Capture Enzyme-Linked Immunosorbent Assay." *Appl. Environ. Microbiol.* 62 (1996): 2794-2302. PubMed: 8779567.].

**Figure 1**



**Date:** 06 NOV 2013

**Signature:**

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

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