

***Salmonella enterica* subsp. *enterica*, Strain SL478 (GA_MM04042433) (Serovar Javiana)**

Catalog No. NR-28794

Product Description: *Salmonella enterica* (*S. enterica*) subsp. *enterica*, strain SL478 (also referred to as GA_MM04042433) was isolated in 2004 from a human in Georgia, USA. This strain is reported to be antibiotic susceptible.

Lot¹: 61662343

Manufacturing Date: 11APR2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Analytical profile index (API [®] 20 E) ³	Report results Report results Consistent with <i>Salmonella</i> spp.	Gram-negative rod Circular, low convex, entire, smooth and translucent (Figure 1) Consistent with <i>Salmonella</i> spp.
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs) Riboprinter [®] 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> ⁴ Consistent with <i>S. enterica</i> subsp. <i>enterica</i> serovar Javiana
Serogroup Analysis	Report results	Serogroup D ⁵
Viability (post-freeze)²	Growth	Growth

¹NR-28794 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.

²24 hours at 37°C in an aerobic atmosphere on Nutrient agar

³Additional serological tests are required to determine *Salmonella* species using API[®] 20 E.

⁴≥ 99% identical to GenBank: ABEH02000001 (*S. enterica* subsp. *enterica*, serovar Javiana, strain GA_MM04042433)

⁵Serogroup D contains serovar Javiana 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: 07 NOV 2013

Signature: 

Title: Technical Manager, BEI Authentication or designee

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