

Salmonella enterica subsp. enterica, Strain LS1028

Catalog No. NR-4343

Product Description: *Salmonella enterica* (*S. enterica*) subsp. *enterica*, strain LS1028 is a derivative of strain 14028. Strain 14028 (also referred to as CDC 6516-60) was isolated from chickens and deposited to the ATCC® in 1960. Strain LS1028 expresses STM4319, also known as *phoN*, is a nonspecific acid phosphatase found in other members of the *Enterobacteriaceae*.

Lot¹: 59586818

Manufacturing Date: 19NOV2010

| TEST | SPECIFICATIONS | RESULTS |
|--|---|---|
| Phenotypic Analysis Cellular morphology Colony morphology ² Analytical profile index (API® 20 E) ³ | Gram-negative rod Report results Consistent with <i>Salmonella</i> spp. | Gram-negative rod Circular, convex, entire, and translucent (Figure 1) Consistent with <i>Salmonella</i> spp. |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1370 bp) RiboPrinter® Microbial Characterization System | Consistent with <i>S. enterica</i> Consistent with <i>S. enterica</i> subsp. <i>enterica</i> serovar Typhimurium | Consistent with <i>S. enterica</i> Consistent with <i>S. enterica</i> subsp. <i>enterica</i> serovar Typhimurium |
| Serogrouping | Report results | Serogroup B ⁴ |
| Viability (post-freeze)² | Growth | Growth |

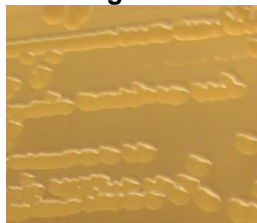
¹NR-4343 was produced by inoculation of the deposited material into Tryptic Soy Broth and grown 24 hours in an aerobic atmosphere. Broth inoculum was added to Kolles which was grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

²24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar

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

⁴Serogroup B contains serotype Typhimurium in addition to other serotypes

Figure 1



Date: 13 SEP 2011

Signature:

Title: Technical Manager, BEI Authentication or designee

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