

Salmonella enterica subsp. enterica, Strain 14028s (Serovar Typhimurium)

Catalog No. NR-12154

Product Description: *Salmonella enterica* (*S. enterica*) subsp. *enterica*, strain 14028s (serovar Typhimurium) is a descendent of strain CDC 6516-60 which was isolated from pools of hearts and livers of 4-week-old chickens.

Lot¹: 61834719

Manufacturing Date: 28JUN2013

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, smooth and cream (Figure 1) Consistent with <i>Salmonella</i> spp.
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 870 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> Consistent with <i>S. enterica</i> subsp. <i>enterica</i> serovar Typhimurium
Serogroup Analysis	Report results	Serogroup B ⁴
Viability (post-freeze)²	Growth	Growth

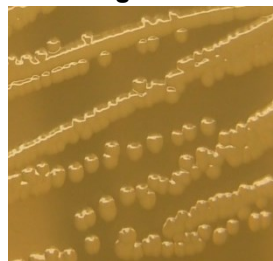
¹NR-12154 was produced by inoculation of the deposited material into LB broth with supplements [1% (w/v) Bacto-tryptone, 0.5% (w/v) yeast extract and 1% (w/v) NaCl] and grown 24 hours in an aerobic atmosphere at 37°C. Broth inoculum was added to kolles which was grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

²24 hours at 37°C and aerobic atmosphere on LB agar with supplements [1% (w/v) Bacto-tryptone, 0.5% (w/v) yeast extract and 1% (w/v) NaCl]

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: 04 OCT 2013

Signature:

Title: Technical Manager, BEI Authentication or designee

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