

Salmonella enterica subsp. enterica, Strain A36

Catalog No. NR-13555

Product Description: *Salmonella enterica* (*S. enterica*) subsp. *enterica* serovar Typhimurium is a major cause of gastroenteritis. These bacteria are host generalists that occur in humans and many other mammals. Additionally, this serovar causes typhoid-like disease in mice and is used as a mouse model of human typhoid fever.

Lot¹: 58772855

Manufacturing Date: 02SEP2009

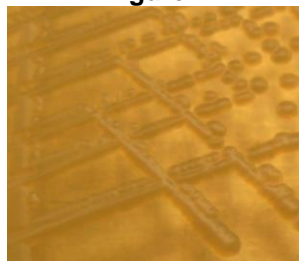
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Analytical profile index (API [®] 20 E)	Gram-negative rod Report results Consistent with <i>Salmonella</i> spp.	Gram-negative rod Circular, convex, entire, transparent and cream (Figure 1) Consistent with <i>Salmonella</i> spp.
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 bp)	Consistent with <i>S. enterica</i> subsp. <i>enterica</i>	Consistent with <i>S. enterica</i> subsp. <i>enterica</i> ³
PCR Assay of Extracted DNA 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
Serotyping	Report results	Serotype B
Viability (post-freeze)²	Growth	Growth

¹*S. enterica* subsp. *enterica*, strain A36 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

³Also consistent with other *Salmonella enterica* subspecies

Figure 1



Date: 26 APR 2010

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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