

Shigella flexneri, Strain 2457T

Catalog No. NR-518

(Derived from ATCC® 700930™)

Product Description:

Shigella flexneri (*S. flexneri*), strain 2457T was originally deposited at ATCC® in 2000 by G. Punkett III, University of Wisconsin, Wisconsin, USA. NR-518 lot 3990496 was produced by inoculation of ATCC® 700930™ lot 3860555 onto Tryptic Soy agar and grown for 1 day at 37°C in an aerobic atmosphere.

Lot: 3990496

Preservation Date: 02DEC2004

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar Biochemical tests Analytical profile index (API)	Gram-negative Report results <i>S. flexneri</i>	Gram-negative Circular, glistening, smooth, entire, low convex and translucent <i>S. flexneri</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 450 base pairs)	Consistent with <i>S. flexneri</i>	Consistent with <i>S. flexneri</i> ¹
Viability (post-freeze) 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar	Growth	Growth

¹Also consistent with *S. sonnei* and *Escherichia coli*

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