

***Escherichia coli*, Strain Bi316-42 (Serotype O9:K9:H12)**

Catalog No. NR-17670

Product Description: *Escherichia coli* (*E. coli*), strain Bi316-42 (also referred to as ATCC® 23505™) was isolated from human peritoneum.

Lot¹: 63568098

Manufacturing Date: 17JUL2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies ² Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-negative rods Report results Report results Consistent with <i>E. coli</i>	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Motile Consistent with <i>E. coli</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs) Riboprinter® Microbial Characterization System	Consistent with <i>E. coli</i> Consistent with <i>E. coli</i>	Consistent with <i>E. coli</i> ³ Consistent with <i>E. coli</i>
Purity (post-freeze)⁴	Growth consistent with <i>E. coli</i>	Growth consistent with <i>E. coli</i>
Viability (post-freeze)²	Growth	Growth

¹NR-17670 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day under propagation conditions to produce this lot.

²1 day on Tryptic Soy agar under propagation conditions

³Also consistent with *Shigella* species

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar under propagation conditions

Figure 1: Colony Morphology



Date: 29 OCT 2015

Signature: 

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