

Escherichia coli, Strain F10018-41
Catalog No. NR-17676

Product Description: *Escherichia coli* (*E. coli*), strain F10018-41, serotype O18ab:K:H14, was isolated from the feces of a healthy human; it has been typed as an O18ab:K:H14 strain.

Lot¹: 61859936
Manufacturing Date: 18JUL2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Analytical profile index (API® 20 E)	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 (~ 950 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>
PCR Assay of Extracted DNA PCR amplification of chromosomal borne virulence markers <i>stx1</i> <i>stx2</i>	Report results Report results	Negative Negative
Viability (post-freeze)²	Growth	Growth

¹NR-17676 was produced by inoculation of the deposited material into Tryptic Soy broth and grown 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to kolles which were grown 24 hours at 37°C in an aerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

²24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar

³Also consistent with *Shigella* species

Figure 1

Date: 19 MAY 2015
Signature:
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