

**Escherichia coli, Strain E38**

**Catalog No. NR-17717**

**Product Description:** *Escherichia coli* (*E. coli*), strain E38, serotype O78:H-, was isolated from a human peritoneum; it has been typed as an O78:H- strain.

**Lot<sup>1</sup>: 61859940**

**Manufacturing Date: 19JUL2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Motility (wet mount) Biolog GN2 MicroPlate™	Gram-negative rods Report results  Report results Report results	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Motile Consistent with <i>E. coli</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 870 base pairs) Riboprinter® Microbial Characterization System	Consistent with <i>E. coli</i> Consistent with <i>E. coli</i>	Consistent with <i>E. coli</i> <sup>3</sup> Consistent with <i>E. coli</i>
<b>PCR Assay of Extracted DNA</b> PCR amplification of chromosomal borne virulence markers <i>stx1</i> <i>stx2</i>	Report results Report results	Negative Negative
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-17717 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.

<sup>2</sup>24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar

<sup>3</sup>Also consistent with *Shigella* species

Figure 1



**Date:** 19 MAY 2015

**Signature:** 

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