

**Escherichia coli, Strain H4H**

**Catalog No. NR-22046**

**Product Description:** *Escherichia coli* (*E. coli*), strain H4H was isolated in 2002 from the feces of a dairy cow in Pullman, Washington, USA.

**Lot<sup>1</sup>: 63568103**

**Manufacturing Date: 19JUN2015**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Motility (wet mount) VITEK <sup>®</sup> MS (MALDI-TOF)	Gram-negative rods Report results  Report results Consistent with <i>E. coli</i>	Gram-negative rods Circular, low convex, entire, smooth and cream (Figure 1) Motile Consistent with <i>E. coli</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs) Riboprinter <sup>®</sup> 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>Purity (post-freeze)<sup>4</sup></b>	Growth consistent with <i>E. coli</i>	Growth consistent with <i>E. coli</i>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

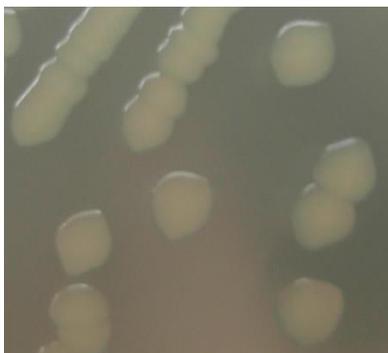
<sup>1</sup>The deposited material was inoculated into Nutrient broth and grown 1 day at 37°C in an aerobic atmosphere, and the resulting subculture was vialled and frozen. NR-22046 was produced by inoculation of the frozen subculture into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles which were grown for 1 day under propagation conditions to produce this lot.

<sup>2</sup>1 day on Tryptic Soy agar under propagation conditions

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

<sup>4</sup>Purity of this lot was assessed for 7 days on Tryptic Soy agar under propagation conditions.

**Figure 1: Colony Morphology**



**Date:** 01 OCT 2015

**Signature:**

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