

***Escherichia coli*, Strain H414-36/89**

Catalog No. NR-97

(Derived from ATCC® 51434™)

Product Description: The enterohemorrhagic *Escherichia coli* (EHEC) strain H414-36/89 is a gram-negative, rod-shaped bacterium that produces potent toxins, similar to those of *Shigella dysenteriae*, resulting in severe intestinal, kidney and central nervous system disease.

Lot¹: 3663823

Manufacturing Date: 31MAR2004

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Analytical profile index (API® 20 E)	Gram-negative Circular, low convex, entire, transparent Consistent with <i>Escherichia coli</i>	Gram-negative Circular, low convex, entire, transparent Consistent with <i>Escherichia coli</i>
Genotypic Analysis Riboprinting	Consistent with <i>Escherichia coli</i> (≥ 85% similarity)	Consistent with <i>Escherichia coli</i> (≥ 95% similarity)
Viability (post-freeze)²	Growth	Growth

¹NR-97 was produced by inoculation of ATCC® 51434™ into Trypticase Soy Broth (BD 211768).

²16 hours at 37°C and aerobic atmosphere in LB Broth (ATCC® 60-2100).

Date: 09 AUG 2006

Signature: Signature on File

Title: Technical Manager, BEI Authentication

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