

**Escherichia coli, Strain RDEC-1**

**Catalog No. NR-104**

(Derived from ATCC® 49106™)

**Product Description:** *Escherichia coli* is a Gram-negative, rod-shaped bacterium which occurs singly or in pairs. *Escherichia coli*, RDEC-1 is an attaching and effacing strain that causes diarrhea in post weanling rabbits.

**Lot<sup>1</sup>: 3681284**

**Manufacturing Date: 16APR2004**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Analytical profile index (API® 20 E)	Gram-negative rod Report results  Consistent with <i>Escherichia coli</i>	Gram-negative rod Circular, low convex, entire, transparent Consistent with <i>Escherichia coli</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 535 bp)	Consistent with <i>Escherichia coli</i>	Consistent with <i>Escherichia coli</i> <sup>2</sup>
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>NR-104 was produced by inoculation of ATCC® 49106™ (Lot: 3614725) into Trypticase Soy Broth (BD 211768) for 24 hours at 37°C and aerobic atmosphere.

<sup>2</sup>Also consistent with *Shigella* species.

<sup>3</sup>24 hours at 37°C and aerobic atmosphere in Trypticase Soy Broth (BD 211768).

**Date:** 24 OCT 2007

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

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