

***Escherichia coli*, Strain RIMD 0509952**

Catalog No. NR-12

(Derived from ATCC® BAA-460™)

Product Description: The enterohemorrhagic *Escherichia coli* (EHEC) strain RIMD 0509952 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: 3592829

Manufacturing Date: 05MAR2004

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies Analytical profile index (API® 20 E)	Gram-negative Circular, low convex, entire, translucent and circular, low convex, undulate, translucent Consistent with <i>Escherichia coli</i>	Gram-negative Circular, low convex, entire, translucent and circular, low convex, undulate, translucent Consistent with <i>Escherichia coli</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 660 bp)	Consistent with <i>Escherichia coli</i>	Consistent with <i>Escherichia coli</i> ²
Viability (post-freeze)³	Growth	Growth

¹NR-12 was produced by inoculation of ATCC® BAA-460™ into Trypticase Soy Broth (BD 211768).

²Also consistent with *Shigella* species.

³16 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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