

***Escherichia coli*, Strain EH1533**

Catalog No. NR-10147

Product Description: *Escherichia coli* (*E. coli*), strain EH1533, was isolated from a stool sample of a two year old female during the 2007 verocytotoxin-producing *E. coli* (VTEC) outbreak in Belgium. VTEC are important causes of gastrointestinal illness and hemolytic uremic syndrome in young children.

Lot¹: 58518302

Manufacturing Date: 27FEB2009

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Analytical profile index (API [®] 20 E)	Gram-negative rod Report results Consistent with <i>E. coli</i>	Gram-negative rod Circular, convex, entire, and translucent Consistent with <i>E. coli</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1420 bp)	Consistent with <i>E. coli</i>	Consistent with <i>E. coli</i> ³
Viability (post-freeze)⁴	Growth	Growth

¹*E. coli* strain EH1533 was deposited to the ATCC[®] in 2008 by Dr. Denis Pierard, Belgian Reference Laboratory for *E. coli*, Department of Microbiology, University of Brussels. NR-10147 was produced by inoculation of the deposited material into Tryptic Soy Broth (BD 211825) and grown 24 hours at 37°C and aerobic atmosphere. Broth inoculum was added to Kolles which were grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

²24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar (BD 236950)

³Also consistent with *Shigella* species

⁴24 hours at 37°C and aerobic atmosphere in Tryptic Soy Broth

Date: 13 MAY 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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