

Escherichia coli, Strain MS 85-1

Catalog No. HM-337

Product Description: *Escherichia coli* (*E. coli*), strain MS 85-1 was isolated on February 15, 2002 from the involved ileum of a patient with Crohn's ileitis in New York City, U. S. A.

Lot¹: 59588449

Manufacturing Date: 03DEC2010

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 cream-colored (Figure 1) Consistent with <i>E. coli</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~1410 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>E. coli</i>	≥ 99% identical to depositor's sequence Consistent with <i>E. coli</i> ³
Viability (post-freeze)²	Growth	Growth

¹*E. coli*, strain MS 85-1 was deposited by Dr. Edgar C. Boedeker, M.D., Principal Investigator, Research Department, New Mexico Veterans Administration Hospital Care System, Albuquerque, New Mexico. The deposited material was inoculated into Tryptic Soy broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to kolles which were grown 24 hours at 37°C to produce this lot.

²24 hours at 37°C and aerobic atmosphere on Tryptic Soy agar

³Also consistent with *Shigella* species

Figure 1



Date: 03 SEP 2013

Signature: 

Title: Technical Manager, BEI Authentication or designee

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