

Escherichia coli, Strain MS 200-1

Catalog No. HM-356

Product Description:

Escherichia coli (*E. coli*), strain MS 200-1 was isolated from the ileum of a patient with normal histology in New York, New York, USA. HM-356 was produced by inoculation of BEI Resources seed lot 61508621 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

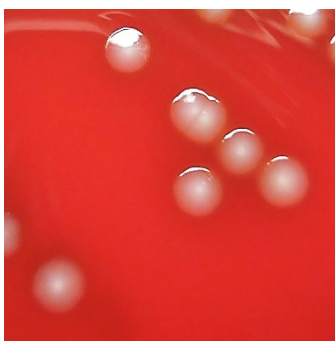
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70061550

Manufacturing Date: 21JUN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~730 base pairs)	≥ 99% sequence identity to <i>E. coli</i> , strain MS 200-1 (GenBank: ADUC01000105.1)	100% sequence identity to <i>E. coli</i> , strain MS 200-1 (GenBank: ADUC01000105.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



Certificate of Analysis for HM-356

/Sonia Bjorum Brower/

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28 AUG 2023

Technical Manager or designee, ATCC Federal Solutions

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