

Acinetobacter radioresistens, Strain SK82

Catalog No. HM-107

Product Description:

Acinetobacter radioresistens (*A. radioresistens*), strain SK82 was isolated from normal skin of the right arm of a 57-year-old male. HM-107 was produced by inoculation of BEI Resources seed lot 59737554 into Tryptic Soy broth and grown for 1 day at 30°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 30°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: 70065864

Manufacturing Date: 24JAN2024

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 cream Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>A. radioresistens</i> , strain SK82 (GenBank: ACVR01000010.1)	100% sequence identity to <i>A. radioresistens</i> , strain SK82 (GenBank: ACVR01000010.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

/Sonia Bjorum Brower/
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Technical Manager or designee, ATCC Federal Solutions

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