

***Pseudomonas aeruginosa*, Strain MX0560**

Catalog No. NR-51334

Product Description: *Pseudomonas aeruginosa* (*P. aeruginosa*), strain MX0560 was isolated from leg, foot or decubitus ulcers from a human patient.

Lot¹: 70017410

Manufacturing Date: 24AUG2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) VITEK [®] MS (MALDI-TOF)	Gram-negative rods Report results Report results <i>P. aeruginosa</i>	Gram-negative rods Irregular, slight peaked, undulate, rough and cream (Figure 1) Motile <i>P. aeruginosa</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>P. aeruginosa</i> type strain (GenBank: CP000438.1)	99.9% sequence identity to <i>P. aeruginosa</i> type strain (GenBank: CP000438.1) ³
Purity (post-freeze)⁴	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

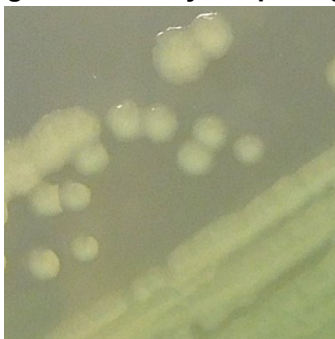
¹NR-51334 was produced by inoculation of BEI Resources HMC-649 lot 59773817 into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot.

²1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar

³Also consistent with other *Pseudomonas* species

⁴Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



/Heather Couch/
Heather Couch

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