

Escherichia coli, Strain 1121580

Catalog No. NR-56601

Product Description:

Escherichia coli (*E. coli*), strain 1121580 was isolated in 2014 from a pancreas sample of a 56-year-old female in Russia. It was deposited as resistant to aztreonam, cefepime, ceftazidime, ceftriaxone, ciprofloxacin, levofloxacin, meropenem and piperacillin/tazobactam. NR-56601 was produced by inoculation of the deposited material 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. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70062540

Manufacturing Date: 12DEC2019

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, low convex, entire and opaque Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene	Consistent with <i>E. coli</i>	Consistent with <i>E. coli</i>
Purity (post-freeze) 8 days at 37°C in an aerobic atmosphere 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

/Sonia Bjorum Brower/

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Technical Manager or designee, ATCC Federal Solutions

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