

**Enterobacter cloacae, Strain 976689**

**Catalog No. NR-56701**

**Product Description:**

*Enterobacter cloacae* (*E. cloacae*), strain 976689 was isolated in 2013 from a urine sample of a 33-year-old male in Russia. It was deposited as resistant to amoxicillin/clavulanate, aztreonam, cefepime, ceftazidime, ceftriaxone, ciprofloxacin, doripenem, imipenem, levofloxacin, meropenem, piperacillin/tazobactam, tetracycline and trimethoprim/sulfamethoxazole. NR-56701 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. The material from the initial growth was passaged in Tryptic Soy broth 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: 70066055**

**Manufacturing Date: 07APR2017**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Convex, entire, smooth, glistening and translucent  Motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene	Consistent with <i>E. cloacae</i>	Consistent with <i>E. cloacae</i>
<b>Purity (post-freeze)</b> 7 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
<b>Viability (post-freeze)</b>	Growth	Growth

/Sonia Bjorum Brower/  
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29 OCT 2024

Technical Manager or designee, ATCC Federal Solutions

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