

Citrobacter freundii, Strain GED7749C
Catalog No. HM-1280
Product Description:

Citrobacter freundii (*C. freundii*), strain GED7749C is a vaginal isolate obtained in 2014 from a pregnant woman in St. Louis, Missouri, USA. HM-1280 was produced by inoculation of BEI Resources seed lot 70006589 into Nutrient broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient 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.

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: 70056677
Manufacturing Date: 16NOV2022

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 Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 970 base pairs)	≥ 99% sequence identity to <i>C. freundii</i> , strain GED7749C (GenBank: LRPR01000003.1)	99.7% sequence identity to <i>C. freundii</i> , strain GED7749C (GenBank: LRPR01000003.1) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Nutrient agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Citrobacter* species.

/Sonia Bjorum Brower/

Sonia Bjorum Brower

12 NOV 2025

Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

