

***Epilithonimonas vandammei*, Strain F5649**

Catalog No. NR-51495

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Product Description:

Epilithonimonas vandammei (*E. vandammei*), strain F5649 was isolated in 1984 from the testicle of a human in Iowa, USA. NR-51495 lot 70033900 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 35°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 35°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70033900

Manufacturing Date: 25MAR2020

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Biochemical characterization Catalase Oxidase	Gram-negative rods Report results Report results Positive Positive	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Non-motile Positive Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>E. vandammei</i> , strain F5649 (GenBank: CP034161.1)	99.7% sequence identity to <i>E. vandammei</i> , strain F5649 (GenBank: CP034161.1)
Purity (post-freeze) 8 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



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Program Manager or designee, ATCC Federal Solutions

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