

***Streptococcus parasanguinis*, Strain CC87K**

Catalog No. HM-1060

Product Description:

Streptococcus parasanguinis (*S. parasanguinis*), strain CC87K was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada. HM-1060 was produced by the inoculation of BEI Resources seed lot 63529411 into Brain Heart Infusion broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂ 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: 70056279

Manufacturing Date: 13OCT2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram- positive cocci Report results Report results	Gram- positive cocci Circular, low convex, entire, smooth and gray Non-motile
Hemolysis	Report results	α-hemolytic
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>S. parasanguinis</i> , strain CC87K (GenBank: AZJD01000010.1)	99.0% sequence identity to <i>S. parasanguinis</i> , strain CC87K (GenBank: AZJD01000010.1) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Streptococcus* species

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Technical Manager or designee, ATCC Federal Solutions

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