

***Streptococcus salivarius*, Strain SK126**

Catalog No. HM-121

Product Description:

Streptococcus salivarius (*S. salivarius*), strain SK126 was isolated from the normal skin of the right arm of a 47-year-old woman. HM-121 was produced by the inoculation of BEI Resources seed lot 59980223 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: 70059465

Manufacturing Date: 17MAR2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Hemolysis Motility (wet mount)	Gram-positive cocci Report results Report results Report results	Gram-positive cocci Circular, convex, entire, smooth and grey (Figure 1) Alpha-hemolytic Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>S. salivarius</i> , strain SK126 (GenBank: ACLO01000035.1)	99.9% sequence identity to <i>S. salivarius</i> , strain SK126 (GenBank: ACLO01000035.1) 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	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Streptococcus* species

Figure 1: Colony Morphology



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Technical Manager or designee, ATCC Federal Solutions

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