

Streptococcus intermedius, Strain F0413

Catalog No. HM-368

Product Description:

Streptococcus intermedius, strain F0413 was isolated in 2006 from the dental plaque on a molar of a 4-year-old girl with caries. HM-368 was produced by inoculation of BEI Resources seed lot 60434223 into Brain Heart Infusion broth and grown for 2 days at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum from initial growth was passaged once into Tryptic Soy agar with 5% defibrinated sheep blood kolles and was grown for 2 days 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: 70081993

Manufacturing Date: 13MAR2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 2 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 2 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-positive cocci Report results Non-motile	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>S. intermedius</i> , strain F0413 (GenBank: AFXO01000010.1)	100% sequence identity to <i>S. intermedius</i> , strain F0413 (GenBank: AFXO01000010.1) 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) 2 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

¹Also consistent with other *Streptococcus anginosus* group species (*Streptococcus anginosus* and *Streptococcus constellatus*).

Figure 1: Colony Morphology



Certificate of Analysis for HM-368

/Sonia Bjorum Brower/

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08 MAY 2026

Technical Manager or designee, ATCC Federal Solutions

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