

Streptococcus sp., Strain BS21

Catalog No. HM-889

Product Description: *Streptococcus sp.*, strain BS21 is a human oral cavity isolate.

Lot^{1,2}: 63529438

Manufacturing Date: 03JUN2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Hemolysis ³ Motility (wet mount)	Gram-positive cocci Report results Report results Report results	Gram-positive cocci Circular, convex, entire, smooth and gray (Figure 1) α-hemolytic Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank: JANT01000007.1 (<i>Streptococcus sp.</i> , strain BS21)	≥ 99% identical to GenBank: JANT01000007.1 (<i>Streptococcus sp.</i> , strain BS21)
Purity (post-freeze)⁴	Growth consistent with <i>Streptococcus sp.</i>	Growth consistent with <i>Streptococcus sp.</i>
Viability (post-freeze)³	Growth	Growth

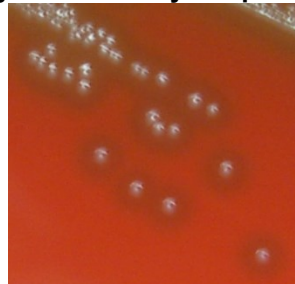
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*Streptococcus sp.*, strain BS21 was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. The deposited material was inoculated 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.

³1 day on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1: Colony Morphology



Date: 02 SEP 2015

Signature:

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