

Streptococcus sp., Strain ACC21

Catalog No. HM-884

Product Description: *Streptococcus* sp., strain ACC21 is a human oral cavity isolate.

Lot^{1,2}: 63529429

Manufacturing Date: 29MAY2015

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, low convex, entire, smooth and gray (Figure 1) α-hemolytic Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% identical to GenBank: JAQU01000015.1 (<i>Streptococcus</i> sp., strain ACC21)	100% identical to GenBank: JAQU01000015.1 (<i>Streptococcus</i> sp., strain ACC21)
Purity (post-freeze)⁴	Growth consistent with <i>Streptococcus</i> sp.	Growth consistent with <i>Streptococcus</i> sp.
Viability (post-freeze)³	Growth	Growth

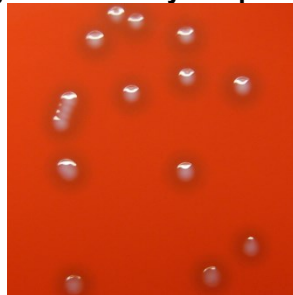
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*Streptococcus* sp., strain ACC21 was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. The deposited material was inoculated into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. The broth growth from the initial passage was held for 7 days under ambient conditions. 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:

BEI Resources Authentication

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