

***Streptococcus sobrinus*, Strain W1703**

Catalog No. HM-1063

Product Description: *Streptococcus sobrinus* (*S. sobrinus*), strain W1703 was isolated in 1989 from the dental plaque biofilm of the third molar tooth of an individual diagnosed with pericoronitis in the United Kingdom.

Lot^{1,2}: 63529414

Manufacturing Date: 22MAY2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive, cocci Report results Report results	Gram-positive, cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% identical to GenBank AWVA01000064 (<i>S. sobrinus</i> , strain W1703)	≥ 99% identical to GenBank AWVA01000064 (<i>S. sobrinus</i> , strain W1703)
Purity (post-freeze)⁴	Growth consistent with <i>S. sobrinus</i>	Growth consistent with <i>S. sobrinus</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*S. sobrinus*, strain W1703 was deposited by Floyd E. Dewhirst, D.D.S., Ph.D., Senior Member of the Staff, Department of Microbiology and Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Boston, Massachusetts, USA. HM-1063 was produced by inoculation of the deposited material into Brain Heart Infusion broth and incubated for 1 day at 35°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 in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

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

Figure 1 – Colony Morphology



Certificate of Analysis for HM-1063

Date: 22 JUL 2015

Signature: 

BEI Resources Authentication

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