

**Streptococcus sp., Strain CM6**

**Catalog No. HM-890**

**Product Description:** *Streptococcus* sp., strain CM6 is a human oral cavity isolate.

**Lot<sup>1,2</sup>: 63529441**

**Manufacturing Date: 03JUN2015**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Hemolysis <sup>3</sup> Motility (wet mount)	Gram-positive cocci Report results  Report results Report results	Gram-positive cocci Circular, convex, entire, smooth and gray (Figure 1) α-hemolysis Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% identical to GenBank: JATS01000010.1 ( <i>Streptococcus</i> sp., strain CM6)	≥ 99% identical to GenBank: JATS01000010.1 ( <i>Streptococcus</i> sp., strain CM6)
<b>Purity (post-freeze)<sup>4</sup></b>	Growth consistent with <i>Streptococcus</i> sp.	Growth consistent with <i>Streptococcus</i> sp.
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>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.

<sup>2</sup>*Streptococcus* sp., strain CM6 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% CO<sub>2</sub>. 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% CO<sub>2</sub> to produce this lot.

<sup>3</sup>1 day on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>

<sup>4</sup>Purity 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% CO<sub>2</sub>.

**Figure 1: Colony Morphology**



**Date:** 29 JUL 2015

**Signature:** 

BEI Resources Authentication

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