

***Streptococcus sanguinis*, Strain CC94A**

**Catalog No. HM-1061**

**Product Description:** *Streptococcus sanguinis* (*S. sanguinis*), strain CC94A was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada.

**Lot<sup>1,2</sup>: 63529413**

**Manufacturing Date: 22MAY2015**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-positive cocci Report results  Report results	Gram-positive cocci Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% identical to GenBank: AZJC01000001.1 ( <i>S. sanguinis</i> , strain CC94A)	≥ 99% identical to GenBank: AZJC01000001.1 ( <i>S. sanguinis</i> , strain CC94A)
<b>Purity (post-freeze)<sup>4</sup></b>	Growth consistent with <i>S. sanguinis</i>	Growth consistent with <i>S. sanguinis</i>
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

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>*S. sanguinis*, strain CC94A was deposited by Emma Allen-Vercoe, Assistant Professor, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Brain Heart Infusion broth and incubated for 1 day at 35°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**



## Certificate of Analysis for HM-1061

**Date:** 28 JUL 2015

**Signature:** 

BEI Resources Authentication

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