b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-893

Streptococcus sp., Strain SR4

Catalog No. HM-893

Product Description: *Streptococcus* sp., strain SR4 is a human dental plaque isolate.

Lot[1,2]: 63529446 **Manufacturing Date: 28MAY2015**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology[3]	Report results	Circular, convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% identical to GenBank: AZYW01000057.1 (*Streptococcus* sp., strain SR4)	≥ 99% identical to GenBank: AZYW01000057.1 (*Streptococcus* sp., strain SR4)
Purity (post-freeze)[4]	Growth consistent with *Streptococcus* sp.	Growth consistent with *Streptococcus* sp.
Viability (post-freeze)[3]	Growth	Growth

[1]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.
[2]*Streptococcus* sp., strain SR4 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% CO_2. 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_2 to produce this lot.
[3]1 day on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO_2
[4]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_2.

Figure 1: Colony Morphology

Date: 23 JUL 2015 **Signature:**

BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.
You are authorized to use this product for research use only. It is not intended for human use.

Support Provided by NIAID

BEI Resources
www.beiresources.org
E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898