b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-1096

Tissierellia bacterium, Strain S5-A11

Catalog No. HM-1096

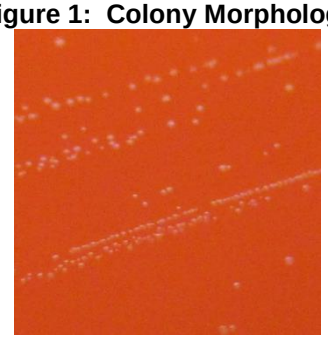
Product Description: Tissierellia bacterium, strain S5-A11 was isolated in 2012 from a woman with bacterial vaginosis in Washington, USA.

Lot[1,2]: 70012277 **Manufacturing Date: 20MAR2018**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology[3]	Report results	Punctiform and cream (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	≥ 99% sequence identity to Tissierellia bacterium, strain S5-A11 (GenBank: JRMZ01000019.1)	100% sequence identity to Tissierellia bacterium, strain S5-A11 (GenBank: JRMZ01000019.1)
Purity (post-freeze)		
Anaerobic growth[4]	Consistent with expected colony morphology	Consistent with expected colony morphology
Aerobic growth[5]	Report results	No growth
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]Tissierellia bacterium, strain S5-A11 was deposited by Maria V. Sizova, Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-1096 was produced by inoculation of the deposited material in Tryptic Soy Yeast Extract broth and grown 11 days at 37°C in an anaerobic atmosphere (< 5% O_2; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown 7 days at 37°C in an anaerobic atmosphere to produce this lot.
[3]3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.
[4]Purity of this lot was assessed for 10 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.
[5]Purity of this lot was assessed for 10 days at 37°C in an aerobic atmosphere with 5% CO_2 on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



/Heather Couch/
Heather Couch 10 AUG 2018
Program Manager or designee, ATCC Federal Solutions

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