

***Bordetella holmesii*, Strain 30539**

**Catalog No. NR-43497**

**Product Description:** *Bordetella holmesii* (*B. holmesii*), strain 30539 was isolated in January 2009 from a human bloodstream sample in the United States.

**Lot<sup>1</sup>: 62484883**

**Manufacturing Date: 28MAR2014**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Motility (wet mount) Biochemical tests Biolog™ System <sup>3</sup>	Gram-negative bacilli Report results  Report results  Consistent with <i>B. holmesii</i>	Gram-negative bacilli Circular, convex, entire, smooth and translucent (Figure 1) Non-motile  Consistent with <i>B. holmesii</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	Consistent with <i>B. holmesii</i>	Consistent with <i>B. holmesii</i> <sup>4</sup>
<b>Purity (post-freeze)<sup>5</sup></b>	Growth consistent with <i>B. holmesii</i>	Growth consistent with <i>B. holmesii</i>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-43497 was produced by inoculation of the deposited material into Tryptic Soy broth which was used to inoculate a Tryptic Soy agar with 5% defibrinated sheep blood plate and both were grown at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> for 4 days. Colonies from the plate were scraped into the Tryptic Soy broth growth and the growth mixture was added to a Tryptic Soy agar with 5% defibrinated sheep blood kolle and grown for 3 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> to produce this lot.

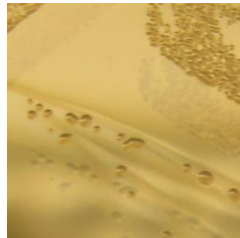
<sup>2</sup>89 hours at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar

<sup>3</sup>Results interpreted using Biolog™ ID database GEN- III\_2.7.1.40.I5G and Biolog™ MicroLog ID software 3/5.2.01 33

<sup>4</sup>≥ 99.9% identical to GenBank: NZ\_JDFP00000000.1 (*B. holmesii*, Strain 30539)

<sup>5</sup>Purity of this lot was assessed for 7 days on Tryptic Soy agar at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>.

**Figure 1**



**Date:** 25 NOV 2014

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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.

