

***Bordetella holmesii*, Strain 44057**

**Catalog No. NR-43501**

**Product Description:** *Bordetella holmesii* (*B. holmesii*), strain 44057 was isolated in November 2011 from a bloodstream sample of a 7-year-old patient in New York, New York, USA.

**Lot<sup>1</sup>: 63305787**

**Manufacturing Date: 09MAR2015**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology <sup>2</sup> 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, low convex, entire, smooth and cream (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-43501 was produced by inoculation of the deposited material into Brain Heart Infusion broth and an aliquot was used to inoculate a Brain Heart Infusion slant which was incubated for 7 days at 37°C in an aerobic atmosphere. After a hold at room temperature for 15 days in an aerobic atmosphere, the material from the initial growth was used to inoculate Brain Heart Infusion broth which was incubated for 6 days at 37°C in an aerobic atmosphere. Broth inoculum was added to Brain Heart Infusion agar kolles which were grown for 5 days at 37°C in an aerobic atmosphere to produce this lot.

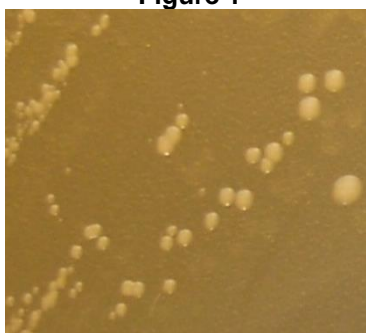
<sup>2</sup>4 days at 37°C in an aerobic atmosphere on Brain Heart Infusion agar

<sup>3</sup>Results interpreted using Biolog™ ID database GEN- III\_2.7.1.40.15G and Biolog™ MicroLog ID software 3/5.2.01 33

<sup>4</sup>≥ 99.9% identical to GenBank: ANGE00000000 (*B. holmesii*, Strain 44057)

<sup>5</sup>Purity of this lot was assessed for 7 days on Brain Heart Infusion agar at 37°C in an aerobic atmosphere.

**Figure 1**



## Certificate of Analysis for NR-43501

**Date:** 27 MAY 2015

**Signature:**



BEI Resources Authentication

ATCC<sup>®</sup>, 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<sup>®</sup>'s knowledge.

ATCC<sup>®</sup> 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.

