

**Bordetella holmesii, Strain H643**

**Catalog No. NR-44173**

**Product Description:** *Bordetella holmesii* (*B. holmesii*), strain H643 was isolated in 2010 from blood of a patient with bacteremia in Pennsylvania, USA.

**Lot<sup>1</sup>: 63527691**

**Manufacturing Date: 26MAY2015**

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, opaque, smooth and gray (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-44173 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 3 days at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles and grown for 4 days at 37°C in an aerobic atmosphere to produce this lot.

<sup>2</sup>3 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>3</sup>Results interpreted using Biolog™ ID database GEN- III\_2.7.1.40.I5G and Biolog™ OmniLog 2.3

<sup>4</sup>100% identical to GenBank: JGWD01000181.1 (*B. holmesii*, strain H643)

<sup>5</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.

**Figure 1: Colony Morphology**



**Date:** 30 JUL 2015

**Signature:**

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