

***Bordetella holmesii*, Strain H785**

**Catalog No. NR-44175**

**Product Description:** *Bordetella holmesii* (*B. holmesii*), strain H785 was isolated in 2011 from respiratory fluid of a patient with pertussis-like symptoms in Oregon, USA.

**Lot<sup>1</sup>: 63527695**

**Manufacturing Date: 09JUN2015**

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 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-44175 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 4 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 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 Tryptic Soy agar with 5% defibrinated sheep blood

<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>100% identical to GenBank: JGWB01000152.1 (*B. holmesii*, strain H785)

<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:** 28 AUG 2015

**Signature:**

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