

***Bordetella bronchiseptica*, Strain D993**

**Catalog No. NR-44158**

**Product Description:** *Bordetella bronchiseptica* (*B. bronchiseptica*), strain D993 was isolated in 1970 from a human sample in California, USA.

**Lot<sup>1</sup>: 63527647**

**Manufacturing Date: 28MAY2015**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Motility (wet mount) VITEK <sup>®</sup> MS (MALDI-TOF)	Gram-negative bacilli Report results  Report results Consistent with <i>B. bronchiseptica</i>	Gram-negative bacilli Circular, convex, entire and cream (Figure 1) Motile Consistent with <i>B. bronchiseptica</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	Consistent with <i>B. bronchiseptica</i>	Consistent with <i>B. bronchiseptica</i> <sup>3</sup>
<b>Purity (post-freeze)<sup>4</sup></b>	Growth consistent with <i>B. bronchiseptica</i>	Growth consistent with <i>B. bronchiseptica</i>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-44158 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 kolles which were grown for 2 days at 37°C in an aerobic atmosphere to produce this lot.

<sup>2</sup>2 days at 37°C in an aerobic atmosphere on Tryptic Soy agar

<sup>3</sup>100% sequence identity to GenBank: JGWV01000179 (*B. bronchiseptica*, Strain D993)

<sup>4</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 with 5% CO<sub>2</sub>.

**Figure 1**



**Date:** 19 OCT 2015

**Signature:**

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