SUPPORTING INFECTIOUS DISEASE RESEARCH

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.

Lot¹: 63527647

Manufacturing Date: 28MAY2015

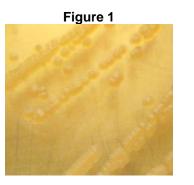
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative bacilli	Gram-negative bacilli
Colony morphology ²	Report results	Circular, convex, entire and cream (Figure 1)
Motility (wet mount)	Report results	Motile
VITEK [®] MS (MALDI-TOF)	Consistent with B. bronchiseptica	Consistent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

¹NR-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.

²2 days at 37°C in an aerobic atmosphere on Tryptic Soy agar

³100% sequence identity to GenBank: JGWV01000179 (*B. bronchiseptica*, Strain D993)

⁴Purity 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% CO₂.



Date: 19 OCT 2015

Signature:

BEI Resources Authentication

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