

***Bordetella holmesii*, Strain 41130**

Catalog No. NR-43499

Product Description: *Bordetella holmesii* (*B. holmesii*), strain 41130 was isolated in October 2010 from a human bloodstream sample in the United States.

Lot¹: 62484885

Manufacturing Date: 16MAY2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Biochemical tests Biolog™ System ³	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>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	Consistent with <i>B. holmesii</i>	Consistent with <i>B. holmesii</i> ⁴
Purity (post-freeze)⁵	Growth consistent with <i>B. holmesii</i>	Growth consistent with <i>B. holmesii</i>
Viability (post-freeze)²	Growth	Growth

¹NR-43499 was produced by inoculation of the deposited material into Tryptic Soy broth and an aliquot was plated on Tryptic Soy agar with 5% defibrinated sheep blood which was incubated for 6 days at 37°C in an aerobic atmosphere. After a hold at room temperature for 17 days, the material from the initial growth was used to inoculate a Tryptic Soy agar plate and incubated for 7 days at 37°C in an aerobic atmosphere with 5% CO₂. The material was maintained at room temperature for 8 days before the growth was harvested with Tryptic Soy broth and added to Tryptic Soy agar kolles which were grown 7 days at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

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

³Results interpreted using Biolog™ ID database GEN- III_2.7.1.40.I5G and Biolog™ MicroLog ID software 3/5.2.01 33

⁴≥ 99.9% identical to GenBank: NZ_JDSC00000000 (*B. holmesii*, Strain 41130)

⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar at 37°C in an aerobic atmosphere.

Figure 1



Date: 25 NOV 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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