

***Acinetobacter baumannii*, Strain IS-123**

Catalog No. NR-17787

Product Description: *Acinetobacter baumannii* (*A. baumannii*), strain IS-123 is a human isolate collected in February 2009 from the wound of a patient at Ibn Sina, Iraq.

Lot¹: 63305793

Manufacturing Date: 06FEB2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Growth at 44°C ± 2°C ^{3,4} Motility (wet mount) Biochemical tests: Catalase Oxidase VITEK [®] Mass Spectrometry (MALDI-TOF)	Gram-negative rods Report results Growth Report results Positive Negative Consistent with <i>A. baumannii</i>	Gram-negative rods Colony type 1: Circular, low convex, entire, smooth and pale gray Colony type 2: Circular, convex, entire, smooth and gray Growth Non-motile Positive Negative Consistent with <i>A. baumannii</i> complex ⁵
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	Consistent with <i>A. baumannii</i>	Consistent with <i>A. baumannii</i> ⁶
Purity (post-freeze)^{7,8}	Growth consistent with <i>A. baumannii</i>	Growth consistent with <i>A. baumannii</i>
Viability (post-freeze)²	Growth	Growth

¹The deposited material was inoculated into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles and incubated for 1 day at under propagation conditions, and the resulting growth was viald and frozen. NR-17787 was produced by inoculation of the frozen subculture into Tryptic Soy broth and incubated for 1 day under propagation conditions. Broth inoculum was added to Tryptic Soy agar kolles and incubated for 1 day at under propagation conditions to produce this lot.

²1 day on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions

³1 day at 44°C ± 2°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Growth at 44°C ± 2°C differentiates *A. baumannii* from *A. calcoaceticus* and *A. pittii*, which do not grow at 44°C ± 2°C.

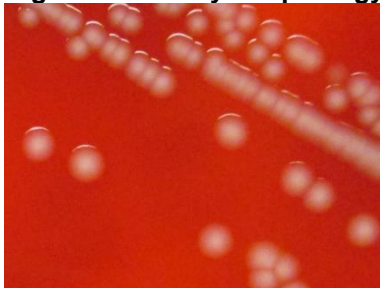
⁵*A. baumannii* complex species include *A. baumannii*, *A. calcoaceticus*, *A. pittii* and *A. nosocomialis*.

⁶100% identical to *A. baumannii*, strain IS-123 (GenBank: AL1101000002.1)

⁷Purity of this lot was assessed for 7 days on Tryptic Soy agar under propagation conditions.

⁸Purity of this lot was assessed for 7 days at 44°C ± 2°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

Figure 1: Colony Morphology



Date: 05 AUG 2015

Signature:



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