

Certificate of Analysis for NR-17785

Acinetobacter baumannii, Strain Naval-18

Catalog No. NR-17785

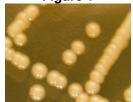
Product Description: Acinetobacter baumannii (A. baumannii), strain Naval-18 is a human isolate collected in June 2006 from the wound of a patient at the National Naval Medical Center in Bethesda, Maryland, USA.

Lot¹: 62711010 Manufacturing Date: 20JUN2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology ²	Report results	Circular, convex, entire, smooth and cream (Figure 1)
Growth at 44°C ^{3,4}	Growth	Growth
Motility (wet mount)	Non-motile	Non-motile
Biochemical tests:		
VITEK® Mass Spectrometry (MALDI-TOF)	Consistent with A. baumannii	Consistent with A. baumannii complex ⁵
Catalase	Positive	Positive
Oxidase	Negative	Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	Consistent with A. baumannii	Consistent with <i>A. baumannii</i> ⁶
Purity (post-freeze) ⁷	Growth consistent with A. baumannii	Growth consistent with A. baumannii
Viability (post-freeze) ²	Growth	Growth

NR-17785 was produced by inoculation of the deposited material into Nutrient broth and incubated 23 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles which were grown 23 hours under propagation conditions to produce this lot.

Figure 1



Date: 10 NOV 2014 Signature:

Title: Technical Manager, BEI Authentication or designee

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²20 hours on Tryptic Soy agar under propagation conditions

³24 hours at 44°C in an aerobic atmosphere on Tryptic Soy agar

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

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

⁶100% identical to A. baumannii, strain Naval-18 (GenBank: AFDA02000002.1)

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