

***Acinetobacter baumannii*, Strain OIFC109**

Catalog No. NR-17780

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Product Description: *Acinetobacter baumannii* (*A. baumannii*), strain OIFC109 is a human isolate collected in July 2003 from the residual limb wound of a patient at the Walter Reed Army Medical Center, Washington, D.C., USA.

Lot¹: 62711004

Manufacturing Date: 20JUN2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Growth at 44°C ^{3,4} Motility (wet mount) Biochemical characterization: Analytical profile index (API® 20NE) Catalase Oxidase	Gram-negative rods Report results Growth Non-motile Consistent with <i>A. baumannii</i> Positive Negative	Gram-negative rods Circular, low convex, entire, translucent, smooth and cream (Figure 1) Growth Non-motile Consistent with <i>A. baumannii</i> Complex ⁴ Positive Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	Consistent with <i>A. baumannii</i>	Consistent with <i>A. baumannii</i> ⁵
Purity (post-freeze)⁶	Growth consistent with <i>A. baumannii</i>	Growth consistent with <i>A. baumannii</i>
Viability (post-freeze)²	Growth	Growth

¹NR-17780 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 at 37°C in an aerobic atmosphere to produce this lot.

²21 hours at 37°C in an aerobic atmosphere on Nutrient agar

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

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

⁵100% identical to *A. baumannii*, strain OIFC109 (GenBank: ALAL01000006.1, ALAL01000010.1 and ALAL01000012.1)

⁶Purity of this lot was assessed for 7 days on Tryptic Soy agar under propagation conditions.

Figure 1: Colony Morphology



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