

Acinetobacter baumannii, Strain BC-5

Catalog No. NR-17783

Product Description: *Acinetobacter baumannii* (*A. baumannii*), strain BC-5 was isolated in 2007 from a nosocomial spread of war-related multi-drug resistant *A. baumannii* in a civilian hospital in British Columbia, Canada. The infection originated from a soldier who was evacuated from Landstuhl Regional Medical Center in Landstuhl, Germany.

Lot¹: 70003571

Manufacturing Date: 10MAR2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Growth at 45°C ^{3,4} Motility (wet mount) Biochemical characterization: Catalase Oxidase VITEK [®] Mass Spectrometry (MALDI-TOF)	Gram-negative rods Report results Growth Report results Positive Negative <i>A. baumannii</i>	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Growth Non-motile Positive Negative <i>A. baumannii</i> complex (99.9%) ⁵
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 830 base pairs)	≥ 99% sequence identity to <i>A. baumannii</i> , strain BC-5 (GenBank: AFDN0100001.1)	100% sequence identity to <i>A. baumannii</i> , strain BC-5 (GenBank: AFDN0100001.1)
Purity (post-freeze)⁶	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹ NR-17783, lot 70003571 was produced by inoculation of NRS-17783 lot 62711017 into Tryptic Soy broth and incubated 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles which were grown 1 day at 37°C in an aerobic atmosphere to produce this lot.

² 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar

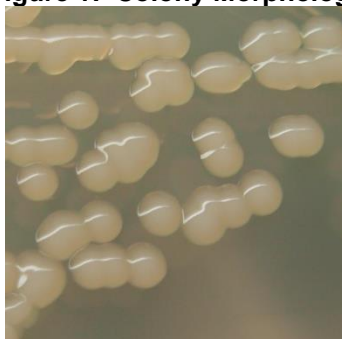
³ 1 day at 45°C in an aerobic atmosphere on Tryptic Soy agar

⁴ Growth 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*.

⁶ Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

Figure 1: Colony Morphology



Date: 09 JUN 2017

Signature:



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