

***Bartonella elizabethae*, Strain Re6043vi**

Catalog No. NR-31057

Product Description: *Bartonella elizabethae* (*B. elizabethae*), strain Re6043vi was isolated in 2003 from the blood of a Polynesian rat (*Rattus exulans*) in Vietnam.

Lot¹: 61613220

Manufacturing Date: 26APR2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Biochemical tests: Catalase Oxidase	Gram-negative rod Report results Report results Negative Negative	Gram-negative rod Circular, convex, entire, smooth and cream (Figure 1) Non-motile Negative Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	Consistent with <i>Bartonella</i> spp.	Consistent with <i>Bartonella</i> spp. ³
Viability (post-freeze)²	Growth	Growth

¹NR-31057 was produced from a subculture of the deposited material. After three passages, the subculture was cultivated on Tryptic Soy agar with 5% defibrinated sheep blood for 4 days. Colonies were suspended in Heart Infusion broth and used to inoculate Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown 3 days at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot. Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions.

²4 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

³≥ 99% identical to *B. elizabethae*, strain Re6043vi (GenBank: AILW01000027 and AILW01000034)

Figure 1



Date: 30 MAY 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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