

**Bartonella henselae, Strain Zeus**

**Catalog No. NR-31835**

**Product Description:** *Bartonella henselae* (*B. henselae*), strain Zeus was isolated in March 1995 from the blood of a domestic house cat (*Felis catus*) in San Francisco, California, USA. **Note:** The strain designation on the vial label for lot 61660644 is incorrect. The correct strain designation is Zeus.

**Lot<sup>1</sup>: 61660644**

**Manufacturing Date: 23MAY2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Motility (wet mount) Biochemical tests: Catalase	Gram-negative rod Report results  Report results  Negative	Gram-negative rod Circular, convex, entire, translucent, smooth and cream (Figure 1) Motile  Negative
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	Consistent with <i>B. henselae</i>	Consistent with <i>B. henselae</i> <sup>3,4</sup>
<b>Purity (post-freeze)<sup>5</sup></b>	Consistent with <i>B. henselae</i>	Consistent with <i>B. henselae</i>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-31835 was produced by inoculation of the deposited material onto Bartonella Chocolate agar for 13 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Colonies were suspended in Heart Infusion broth and used to inoculate Bartonella Chocolate agar kolles, which were grown 8 days under propagation conditions to produce this lot.

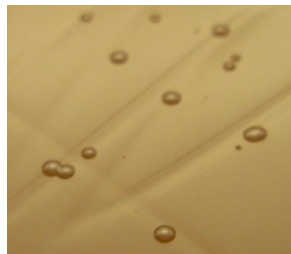
<sup>2</sup>8 days at 37°C on Bartonella Chocolate agar under propagation conditions

<sup>3</sup>100% identical to *B. henselae*, strain Zeus (GenBank: AHPJ01000001.1, AHPJ01000038.1, AHPJ01000044.1 and AHPJ01000046.1)

<sup>4</sup>Also consistent with other *Bartonella* species

<sup>5</sup>Purity of this lot was assessed for 8 days Bartonella Chocolate agar under propagation conditions.

**Figure 1**



**Date:** 25 FEB 2015

**Signature:**

**Title:**

Technical Manager, BEI Authentication or designee

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