

**Bartonella henselae, Strain JK53**

**Catalog No. NR-31834**

**Product Description:** *Bartonella henselae* (*B. henselae*), strain JK53, was isolated in January 2005 from a cutaneous bacillary angiomatosis lesion of a human patient with cutaneous angiomatosis and negative blood cultures in San Francisco, California, USA. **Note:** The strain designation on the vial label for lot 63266145 is incorrect. The correct strain designation is JK53.

**Lot<sup>1</sup>: 63266145**

**Manufacturing Date: 01MAY2016**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Motility (wet mount) Biochemical tests: Catalase Oxidase	Gram-negative rods Report results  Report results  Negative Negative	Gram-negative rods Circular, low convex, entire, opaque and gray (Figure 1) Motile  Negative Negative
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1380 base pairs)	≥ 99% sequence identity to <i>B. henselae</i> , strain JK53 (GenBank: AHPI01000033.1)	100% sequence identity to <i>B. henselae</i> , strain JK53 (GenBank: AHPI01000033.1) <sup>3</sup>
<b>Purity (post-freeze)<sup>4</sup></b>	Consistent with expected colony morphology	Consistent with expected colony morphology
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-31834 was produced by inoculation of the deposited material into Heart Infusion broth and grown 14 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Broth inoculum was added to Bartonella Chocolate agar kolles, which were grown for 14 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> to produce this lot.

<sup>2</sup>13 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>3</sup>Also consistent with other *Bartonella* species

<sup>4</sup>Purity of this lot was assessed for 13 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

**Figure 1: Colony Morphology**



Date: 12 AUG 2016

Signature:



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