

***Bartonella henselae*, Strain JK-50**

Catalog No. NR-44420

Product Description: *Bartonella henselae* (*B. henselae*), strain JK-50 was isolated in September 1994 from the blood of a patient with AIDS and bacillary angiomatosis in San Francisco, California, USA.

Lot¹: 63950667

Manufacturing Date: 14MAR2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Biochemical tests: Catalase Oxidase	Gram-negative rods Report results Report results Negative Negative	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Motile Negative Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% sequence identity to <i>B. henselae</i> , strain JK-50 (GenBank: AZZS01000008.1)	99.9% sequence identity to <i>B. henselae</i> , strain JK-50 (GenBank: AZZS01000008.1) ³
Purity (post-freeze)⁴	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹NR-44420 was produced by inoculation of the deposited material into Heart Infusion broth, which was used to inoculate a Chocolate agar plate. Both were grown for 6 days at 35°C in an aerobic atmosphere with 5% CO₂. Colonies from the plates were scraped into the Heart Infusion broth growth and the growth mixture was used to inoculate Chocolate agar kolles, which were grown for 7 days at 35°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

²7 days on Chocolate agar at 37°C in an aerobic atmosphere with 5% CO₂

³Also consistent with other *Bartonella* species

⁴Purity 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: 25 MAY 2016

Signature:



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