

***Bartonella quintana*, Strain JK31**

Catalog No. NR-31832

Product Description: *Bartonella quintana* (*B. quintana*), strain JK31 was isolated in March 1993 from a cutaneous bacillary angiomatosis lesion of a human patient in San Francisco, California, USA, who presented with bacillary angiomatosis subcutaneous nodules and bacteremia.

Lot¹: 63950624

Manufacturing Date: 23MAR2016

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, low convex, entire, smooth and gray (Figure 1) Motile Negative Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% sequence identity to <i>B. quintana</i> , strain JK31 (GenBank: AHPG01000009.1)	99.9% sequence identity to <i>B. quintana</i> , strain JK31 (GenBank: AHPG01000009.1) ³
Purity (post-freeze)⁴	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

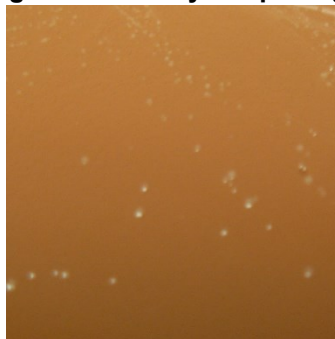
¹NR-31832 was produced by inoculation of the deposited material into Brain Heart Infusion broth and grown for 9 days at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Chocolate agar kolles, which were grown for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ to produce this 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: 13 MAY 2016

Signature: 

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