

***Bartonella tamiae*, Strain Th307**

Catalog No. NR-31059

Product Description: *Bartonella tamiae* (*B. tamiae*), strain Th307 was isolated in March 2007 from a blood clot of an asymptomatic 41-year-old female following possible rat exposure in Khon Kaen Province, Thailand.

Lot¹: 61620217

Manufacturing Date: 22APR2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Biochemical tests: Catalase	Gram-negative rod Report results Report results Negative	Gram-negative rod Circular, low convex, undulate, opaque and white (Figure 1) Non-motile 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-31059 was produced by inoculation of the deposited material into Heart Infusion broth and grown 6 days at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Bartonella Chocolate agar kolles which were grown 5 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 Bartonella Chocolate agar under propagation conditions.

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

³≥ 99% identical to *Bartonella tamiae*, strain Th307 (GenBank: AIMG01000010)

Figure 1



Date: 06 AUG 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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