

Certificate of Analysis for NR-31035

Bartonella sp., Strain E1-105

Catalog No. NR-31035

This reagent is the tangible property of the U.S. Government.

Product Description: Bartonella sp. (deposited as the new taxon Bartonella breitschwerdtii), strain E1-105, was isolated in January 2008 from a blood clot found in a wild straw-colored fruit bat (*Eidolon helvum*) in Moitti Village, Kenya. Strain E1-105 was passaged twice prior to deposition.

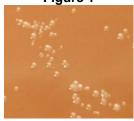
Lot¹: 61620215 Manufacturing Date: 04APR2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rod	Gram-negative rod
Colony morphology ²	Report results	Circular, low convex, entire, opaque and white (Figure 1)
Motility (wet mount)	Report results	Motile
Biochemical tests:		
Catalase	Negative	Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1130 base pairs)	Consistent with Bartonella spp.	Consistent with <i>Bartonella</i> spp. >99% identical to GenBank: HM363785 (<i>Bartonella</i> sp., strain E1-105)
Viability (post-freeze) ²	Growth	Growth

¹Bartonella breitschwerdtii, strain E1-105 was deposited by Michael Kosoy, Bartonella Laboratory Chief, Bacterial Diseases Branch, Division of Vector-Borne Diseases, National Center for Emerging and Zoonotic Infectious Diseases, Centers for Disease Control and Prevention, Fort Collins, Colorado, USA. NR-31035 was produced by inoculation of the deposited material into Heart Infusion broth and grown 8 days at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Bartonella Chocolate agar kolles which were grown 7 days at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

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





Date: 18 DEC 2013 **Signature:**

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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