

***Brucella neotomae*, Strain 5K33**

Catalog No. NR-684

(Derived from ATCC® 23459™)

Product Description: *Brucella neotomae* (*B. neotomae*) are non-motile, aerobic, Gram-negative coccobacilli that are pathogenic to rodents. Infection of humans has not been reported.

Lot¹: 4034907

Manufacturing Date: 07MAR2005

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis Motility X- and V-factor requirements CO ₂ requirement Biochemical tests Catalase Oxidase Indole Nitrate Arginine dihydrolase Urease Hydrogen sulfide production Arabinose Glucose Xylose	Gram-negative Report results Non-hemolytic Non-motile Negative Negative Positive Negative Negative Positive Negative Report results Report results Report results Report results	Gram-negative Circular, entire, low convex, glistening and smooth Non-hemolytic Non-motile Negative Negative Positive Pending Negative Positive Negative Positive (> 5 minutes) Negative Negative Negative Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (425 bp)	Identical to GenBank: AY594216 Consistent with <i>B. neotomae</i>	Identical to GenBank: AY594216 Consistent with <i>B. neotomae</i> ³
Viability (post-freeze)²	Growth	Growth

¹NR-684 was produced by propagation of ATCC® 23459™ on Serum Dextrose Agar in an aerobic atmosphere for 48 hours at 37°C.

²48 hours at 37°C and aerobic atmosphere on Serum Dextrose Agar

³Also consistent with other *Brucella* species

Date: 12 MAR 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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