

Brucella abortus, Strain 544

Catalog No. NR-69

(Derived from ATCC® 23448™)

Product Description: *Brucella abortus* (*B. abortus*), strain 544 was isolated in 1936 from a bovine in England and deposited to ATCC® by W. J. Brinley Morgan from The Central Veterinary Laboratory, Ministry of Agriculture, Fisheries and Food, in Weybridge, Surrey, England.

Lot¹: 3721785

Manufacturing Date: 13SEP2004

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony color and morphology ² Hemolysis Motility X- and V-factor requirements Biochemical tests Catalase Oxidase Indole Hydrogen sulfide production Nitrate Arginine dihydrolase Arabinose Glucose Xylose FAME analysis	Gram-negative cocci Report results Non-hemolytic Non-motile Negative Positive Positive Report results Report results Report results Report results Report results Report results Report results Report results Consistent with <i>B. abortus</i>	Gram-negative cocci Circular, low convex, entire and gray Non-hemolytic Non-motile Negative Positive Positive Negative Positive Positive Negative Positive Negative Negative Consistent with <i>B. abortus</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1300 base pairs)	Consistent with <i>B. abortus</i>	Consistent with <i>B. abortus</i> ³
Viability (post-freeze)²	Growth on agar	Growth on agar

¹NR-69 was produced by propagation of ATCC® 23448™ (Lot: 45212) on Tryptic Soy broth for 48 hours at 37°C in an aerobic atmosphere with 5% CO₂.

²48 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

³Also consistent with other *Brucella* species

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24 JAN 2019

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