

Genomic DNA from *Brucella suis*, Strain 1330 (NCTC 10316)

Catalog No. NR-2526

Product Description: Genomic DNA was isolated from a preparation of *Brucella suis* (*B. suis*), strain 1330 (NCTC 10316).

Lot¹: 4741209

Manufacturing Date: OCT2005

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1430 bp)	Identical to BEI Resources NR-302 Identical to GenBank L26169 (ATCC [®] 23444 [™]) Consistent with <i>B. suis</i>	Identical to BEI Resources NR-302 Identical to GenBank L26169 (ATCC [®] 23444 [™]) Consistent with <i>B. suis</i> ²
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
Functional Activity by PCR Amplification 16S ribosomal RNA gene	~ 1430 bp amplicon	~ 1430 bp amplicon
OD₂₆₀/OD₂₈₀ Ratio	Report results	1.88
Bacterial Inactivation 10% of total yield plated on agar; limit of detection is 0.02 colony-forming units per vial	No viable bacteria detected	No viable bacteria detected

¹The bacterial preparation used for extraction of genomic DNA was produced from ATCC[®] 23444[™]. Genomic DNA was extracted using proprietary technology.

²Also consistent with other *Brucella* species

Date: 23 MAY 2012

Signature:



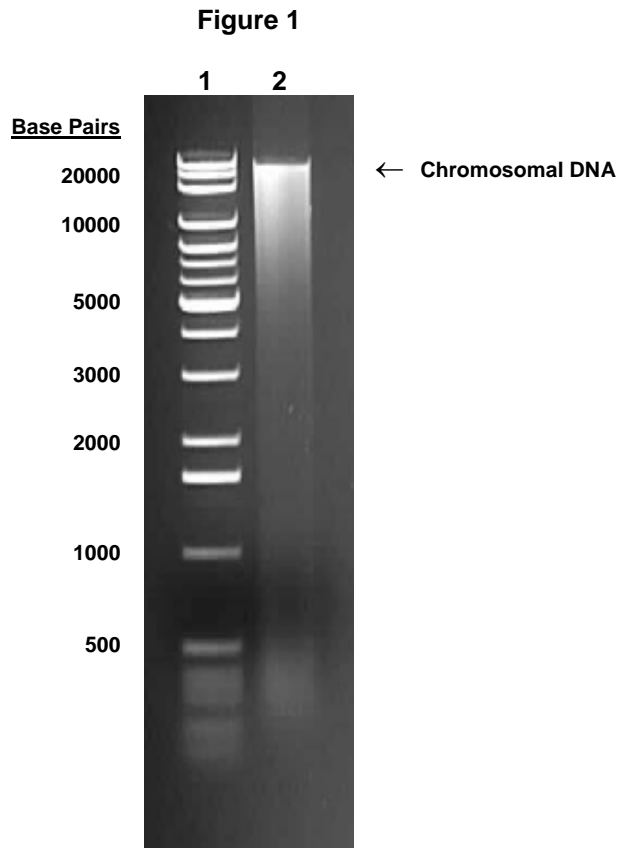
Title:

Technical Manager, BEI Authentication or designee

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You are authorized to use this product for research use only. It is not intended for human use.



Lane 1: Invitrogen™ 1 Kb DNA Extension Ladder
Lane 2: 100 ng of NR-2526