

**Genomic DNA from *Brucella abortus*, Strain 12**

**Catalog No. NR-2527**

**Product Description:** Genomic DNA was isolated from a preparation of *Brucella abortus* (*B. abortus*), strain 12.

**Lot<sup>1</sup>: 4741215**

**Manufacturing Date: OCT2005**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of 16S Ribosomal RNA Gene (~ 1430 bp)</b>	Identical to BEI Resources NR-229 Consistent with <i>B. abortus</i>	Identical to BEI Resources NR-229 Consistent with <i>B. abortus</i> <sup>2</sup>
<b>Agarose Gel Electrophoresis</b>	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
<b>Functional Activity by PCR Amplification</b> 16S ribosomal RNA gene	~ 1430 bp amplicon	~ 1430 bp amplicon
<b>OD<sub>260</sub>/OD<sub>280</sub> Ratio</b>	Report results	1.84
<b>Bacterial Inactivation</b> 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

<sup>1</sup>The bacterial preparation used for extraction of genomic DNA was produced from ATCC<sup>®</sup> 17385<sup>™</sup>. Genomic DNA was extracted using proprietary technology.

<sup>2</sup>Also consistent with other *Brucella* species

**Date:** 23 MAY 2012

**Signature:**



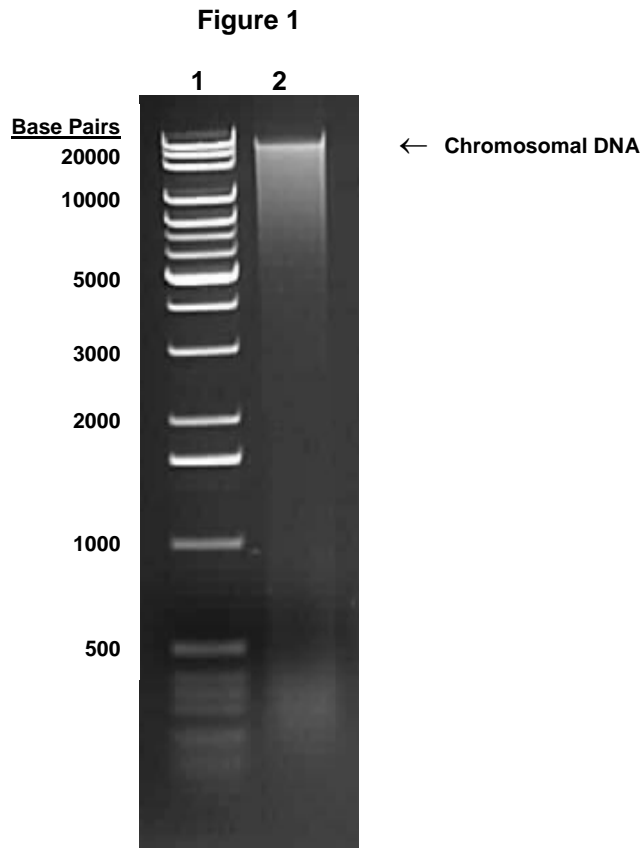
**Title:**

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-2527