

***Brucella ovis*, Strain 63/290**

**Catalog No. NR-682**

(Derived from ATCC® 25840™)

**For research only. Not for human use.**

**Contributor:**

ATCC®

**Manufacturer:**

BEI Resources

**Product Description:**

Bacteria Classification: *Brucellaceae, Brucella*

Species: *Brucella ovis*

Type Strain: 63/290

Original Source: *Brucella ovis* (*B. ovis*), strain 63/290 was isolated from sheep tissue in Australia.

Comment: The complete genome of *B. ovis* ATCC 25840 has been sequenced (GenBank: [CP000708](#) and [CP000709](#)).<sup>5</sup>

*B. ovis* is a non-motile, aerobic, Gram-negative coccobacillus which primarily infects sheep and causes ovine brucellosis.

**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in 0.5X Tryptic Soy Broth supplemented with 10% glycerol.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

**Packaging/Storage:**

NR-682 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Growth Conditions:**

Media:

Tryptic Soy Broth or equivalent

Tryptic Soy Agar or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Aerobic with 5% CO<sub>2</sub>

Propagation:

1. Keep vial frozen until ready for use; then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 37°C for 72 hours.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: *Brucella ovis*, Strain 63/290, NR-682.”

**Biosafety Level: 2**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. “International Committee on Nomenclature of Bacteria, Subcommittee on the Taxonomy of *Brucella*.” Int. J. Syst. Bacteriol. 21 (1971): 126-128.
2. Michaux-Charachon, S., et al. “Genome Structure and

Phylogeny in the Genus *Brucella*." J. Bacteriol. 179  
(1997): 3244-3249. PubMed: 9150220.

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