

***Mycobacterium bovis*, Strain AF 2122/97 (ATCC® BAA-935™), Gamma-Irradiated Whole Cells**

Catalog No. NR-31210

This reagent is the tangible property of the U.S. Government.

For research use only. Not for use in humans.

Contributor:

BEI Resources

Manufacturer:

Karen Dobos, Ph.D., Colorado State University, Fort Collins, Colorado, USA

Product Description:

Mycobacterium bovis (*M. bovis*), strain AF 2122/97 (ATCC® BAA-935™) was grown to late-log phase in sodium pyruvate alanine salts medium and inactivated by exposure to a Cs source with the delivery of 1.44 to 2.4 mRads of ionizing radiation (dose range is provided due to variation across the sample chamber). Confirmation of inactivation was performed by Alamar Blue assay.

Material Provided:

Each vial contains approximately 1 g of gamma-irradiated whole cells from *M. bovis* provided as a cell culture pellet.

Packaging/Storage:

NR-31210 was packaged aseptically in cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Mycobacterium bovis*, Strain AF 2122/97 (ATCC® BAA-935™), Gamma-Irradiated Whole Cells, NR-31210."

Biosafety Level: 1

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](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

- Garnier, T., et al. "The Complete Genome Sequence of *Mycobacterium tuberculosis*." [Proc. Natl. Acad. Sci. USA](#) 24 (2003): 7877-7882. PubMed: 12788972.

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