Mycobacterium bovis, Strain AF 2122/97 (ATCC® BAA-935™), Culture Filtrate Proteins

Catalog No. NR-31212

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For research use only. Not for use in humans.

Contributor and Manufacturer:

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

Product Description:

NR-31212 is a preparation of culture filtrate proteins (CFP) from *Mycobacterium bovis (M. bovis)*, strain AF 2122/97 (ATCC® BAA-935™) and contains most of the excreted and secreted proteins of the organism.

The culture was grown to late-log phase in sodium pyruvate-alanine-salts medium. The culture supernatant was harvested from the live cells and the CFP was concentrated. The concentrated material was dialyzed against 10 mM ammonium bicarbonate and quantitated with the BCA protein assay. Individual lots are subjected to quality control procedures to ensure uniformity and lack of bacterial contamination.

Material Provided:

Each vial of NR-31212 contains approximately 1 mg of culture filtrate proteins from *M. bovis*, strain AF 2122/97 (ATCC® BAA-935™) provided in 10 mM ammonium bicarbonate.

Packaging/Storage:

NR-31212 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™), Culture Filtrate Proteins, NR-31212."

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 (BMBL). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

Disclaimers:

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References:

1. Garnier, T., et al. "The Complete Genome Sequence of *Mycobacterium bovis*." Proc. Natl. Acad. Sci. USA 100 (2003): 7877-7882. PubMed: 12788972.

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www.beiresources.org

E-mail: contact@beiresources.org
Tel: 800-359-7370
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