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

**Catalog No. NR-31212**
This reagent is the tangible property of the U.S. Government.

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

**Contributor and Manufacturer:**
Karen Dobos, Ph.D., Colorado State University, Fort Collins, Colorado

**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.

**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™) 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**

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

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.beiresources.org](http://www.beiresources.org).

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

**Use Restrictions:**
This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale. This material may be subject to third party patent rights.

**References:**

ATCC® is a trademark of the American Type Culture Collection.