

MDCK Cell Lysate and Supernatant, BPL-Treated

Catalog No. NR-49597

Lot No. R0009

For research use only. Not for human use.

Contributor and Manufacturer:

Thomas G. Ksiazek, D.V.M., Ph.D., Department of Pathology, University of Texas Medical Branch, Galveston, Texas, USA

Product Description:

NR-49597 is a preparation of uninfected Madin-Darby canine kidney (MDCK) cells that has been treated with beta-propiolactone (BPL). Cell lysate and supernatant was treated with 0.3% BPL with the addition of Tris (pH 8.5) to 0.1M. The preparation was aliquoted and lyophilized. NR-49457 is useful as a control in studies of BPL-inactivated influenza viruses.

Material Provided:

NR-49597 contains approximately 0.5 mL (lyophilized) of BPL-treated MDCK cell lysate and supernatant. When reconstituted with 0.5 mL of sterile distilled water, the preparation will be in virus growth medium containing 2% fetal bovine serum and 0.1M Tris (pH 8.5).

Packaging/Storage:

NR-49597 was packaged aseptically in glass serum vials. The product is provided at ambient temperature but should be stored at -20°C to -40°C immediately upon arrival. At colder temperatures, the rubber stopper may become brittle and compromise the seal. Reconstituted material should be stored at -20°C or colder, preferably in aliquots in order to avoid repeated freezing and thawing. Long-term storage at warmer temperatures is not recommended because the sterility of the final product was not confirmed and is not guaranteed.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: MDCK Cell Lysate and Supernatant, BPL-Treated, NR-49597.”

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. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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.

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.

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

