Sudan Ebolavirus, Boniface, Infected Cell Lysate, Gamma-Irradiated

Catalog No. NR-49810

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

For research use only. Not for human use.

Contributor and Manufacturer:

World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, Texas, USA, under government contract

Product Description:

A crude preparation of Vero E6 cells infected with Sudan ebolavirus, Boniface[1,2] was gamma-irradiated (5 x 10^6 RADs) on dry ice.

NR-49810 was tested for residual virus following the procedure described by Towner et al.[3] No residual virus was recovered.

Material Provided:

Each vial contains approximately 0.5 mL of irradiated infected cell lysate and supernatant from Vero E6 cells infected with Sudan ebolavirus, Boniface and supplemented with 2% heat-inactivated fetal bovine serum and 0.01 M Tris-HCl (pH 8.5).

Packaging/Storage:

NR-49810 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -70°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: Sudan Ebolavirus, Boniface, Infected Cell Lysate, Gamma-Irradiated, NR-49810."

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.

References:

1. McCormick, J. B., et al. "Biologic Differences Between Strains of Ebola Virus from Zaire and Sudan." J. Infect. Dis. 147 (1983): 264-267. PubMed: 6827142.
2. Sanchez, A., et al. "The Virion Glycoproteins of Ebola Viruses are Encoded in Two Reading Frames and Are Expressed Through Transcriptional Editing." Proc. Natl. Acad. Sci. USA 93 (1996): 3602-3607. PubMed: 8622982.
3. Towner, J. S., et al. "High-Throughput Molecular Detection of Hemorrhagic Fever Virus Threats with Applications for Outbreak Settings." J. Infect. Dis. 196 Suppl. 2 (2007) S205-S212. PubMed: 17940951.

Support Provided by NIAID

BEI Resources
www.beiresources.org

E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898