Lassa Virus, Josiah Infected Cell Lysate, Irradiated

Catalog No. NR-50546

For research use only. Not for use in humans.

Contributor:
World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, Texas, USA

Manufacturer:
University of Texas Medical Branch

Product Description:
A crude preparation of Vero E6 cells infected with Lassa virus, Josiah was gamma-irradiated (5×10^6 RADs) on dry ice, then centrifuged to clarify.[1]

NR-50546 was tested for residual virus following the procedure described by Towner et al.[2] 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 Lassa virus, Josiah and supplemented with 2% heat-inactivated fetal bovine serum and 0.01 M Tris-HCl (pH 8.5).

Packaging/Storage:
NR-50546 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°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, as part of the WRCEVA program: Lassa Virus, Josiah Infected Cell Lysate, Irradiated, NR-50546."

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.

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References:
1. Wulff, H. and K. M. Johnson. "Immunoglobulin M and G Responses Measured by Immunofluorescence in Patients with Lassa or Marburg Virus Infections." Bull. World Health Organ. 57 (1979):631-635. PubMed: 118812.
2. 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.

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