Polyclonal Anti-Lassa Virus Hyperimmune Mouse Ascitic Fluid

Catalog No. NR-48962

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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, under government contract

Product Description:

ICR mice were immunized repeatedly with brain homogenates from suckling mice infected with Lassa virus.[1] Ascites production was induced by intraperitoneal injection of Sarcoma 180/TG cells. Ascites fluid was collected, pooled, gamma-irradiated (2×10^6 RADs) on dry ice and clarified by centrifugation.

NR-48962 was tested for residual virus following the procedure described by Towner et al.[2] No residual virus was recovered.

Material Provided:

Each vial of NR-48962 contains approximately 0.5 mL of mouse ascites fluid.

Packaging/Storage:

NR-48962 was packaged aseptically in screw-capped plastic cryovials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:

NR-48962 binds to Lassa virus, Josiah antigen in ELISA. See Certificate of Analysis for details.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources NIAID, NIH: Polyclonal Anti-Lassa Virus Hyperimmune Mouse Ascitic Fluid, NR-48962."

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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