

Genomic RNA from Lassa Virus, Sauerwald

Catalog No. NR-51370

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:

BEI Resources

Product Description:

Genomic RNA was extracted from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with Lassa virus (LASV), Sauerwald.¹ LASV, Sauerwald was isolated from pleural fluid collected from a human who died following febrile illness in Nigeria in 1974.^{1,2,3}

Material Provided:

Each vial contains approximately 100 µL of viral genomic RNA in nuclease-free water. The viral genomic RNA is in a background of cellular nucleic acid. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-51370 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH, as part of the WRCEVA program: Genomic RNA from Lassa Virus, Sauerwald, NR-51370."

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. World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, Personal Communication.
2. Bowen, M. D., et al. "Genetic Diversity among Lassa Virus Strains." *J. Virol.* 74 (2000): 6992-7004. PubMed: 10888638.
3. Bowen, G. S., et al. "Lassa Fever in Onitsha, East Central State, Nigeria in 1974." *Bull. World Health Organ.* 52 (1975):599-624. PubMed: 1085214

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