

Genomic RNA from Lassa Virus, Guinea Z-185a (Macenta)

Catalog No. NR-51376

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, Guinea Z-185a (Macenta).¹ Lassa virus, Guinea Z-185a (Macenta) was isolated from an aborted fetus in the Macenta region of Guinea in 1981.^{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-51376 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, Guinea Z-185a (Macenta), NR-51376."

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:

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References:

1. Jahrling, P. B., et al. "Endemic Lassa Fever in Liberia. III. Characterization of Lassa Virus isolates." Trans. R. Soc. Trop. Med. Hyg. 79 (1985):374-379. PubMed: 3898483.
2. Bowen, M. D., et al. "Genetic Diversity among Lassa Virus Strains." J. Virol. 74 (2000):6992-7004. PubMed: 10888638
3. World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, Personal Communication.

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