

## RNA from Rift Valley Fever Virus, ZH501

### Catalog No. NR-37379

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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:

RNA was extracted from a preparation of cell lysate and supernatant from Vero E6 cells infected with Rift Valley fever virus, ZH501.<sup>1,2</sup> The complete genome of Rift Valley fever virus, ZH501 has been sequenced (GenBank: DQ375406, DQ380200, DQ380149).<sup>2</sup>

NR-37379 was tested for residual virus following the procedure described by Towner et al.<sup>3</sup> No residual virus was recovered.

#### Material Provided:

Each vial contains 50 µL of viral RNA in nuclease-free water. The viral RNA is in a background of cellular nucleic acid. The total viral RNA content per vial (µg and copy number) is shown on the Certificate of Analysis for each lot. The vial should be centrifuged prior to opening.

#### Packaging/Storage:

NR-37379 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: RNA from Rift Valley Fever Virus, ZH501, NR-37379."

#### 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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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#### References:

1. Meegan, J. M. "The Rift Valley Fever Epizootic in Egypt 1977-78. 1. Description of the Epizootic and Virological Studies." Tran. R. Soc. Trop. Med. Hyg. 73 (1979) 618-623. PubMed: 538803.
2. Bird, B. H., et al. "Complete Genome Analysis of 33 Ecologically and Biologically Diverse Rift Valley Fever Virus Strains Reveals Widespread Virus Movement and Low Valley Genetic Diversity Due to Recent Common Ancestry." J. Virol. 81 (2007): 2805-2816. PubMed: PubMed: 17192303.
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.

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