

## Genomic RNA from Zika Virus, R103451

### Catalog No. NR-50358

### For research use only. Not for human use.

#### Contributor:

Brandy J. Russell, Arbovirus Reference Collection Curator, Arboviral Diseases Branch, Reference and Reagent Laboratory, Centers for Disease Control and Prevention, Fort Collins, Colorado, USA

#### Manufacturer:

BEI Resources

#### Product Description:

Genomic RNA was isolated from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero cells, clone E6) infected with Zika virus (ZIKV), R103451. The complete genomic sequence of BEI Resources ZIKV, R103451 (NR-50355, Lot No. 64362036) has been determined (GenBank: KX262887).<sup>1</sup>

NR-50358 has been qualified for PCR applications by amplification of an approximately 1100 nucleotide sequence. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

#### Material Provided:

Each vial contains 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA. The vial should be centrifuged prior to opening.

#### Packaging/Storage:

NR-50358 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: Genomic RNA from Zika Virus, R103451, NR-50358."

#### 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. Lanciotti, R. S. Diagnostic and Reference Laboratory, Arbovirus Diseases Branch, Centers for Disease Control and Prevention, 3150 Rampart Road, Fort Collins, Colorado 80521, USA. Direct submission.

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