

## Genomic RNA from Zika Virus, MR 766

Catalog No. NR-50085

**For research use only. Not for use in humans.**

### Contributor:

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### Manufacturer:

BEI Resources

### Product Description:

Genomic RNA was isolated from a preparation of cell lysate and supernatant from *Chlorocebus* (previously *Cercopithecus*) *aethiops* kidney epithelial cells (Vero; ATCC® CCL-81™) infected with Zika virus (ZIKV), MR 766.<sup>1</sup> MR 766 is the prototype strain of Zika virus (ZIKV), and was isolated from the blood of a sentinel rhesus monkey in the Zika forest near Entebbe, Uganda, on April 20, 1947.<sup>1</sup>

NR-50085 has been qualified for PCR applications by amplification of an approximately 1030 nucleotide sequence. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

### Material Provided:

Each vial contains approximately 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-50085 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, MR 766, NR-50085."

### 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 \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

### Disclaimers:

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### References:

- Dick, G. W., S. F. Kitchen, and A. J. Haddock. "Zika Virus. I. Isolations and Serological Specificity." *Trans. R. Soc. Trop. Med. Hyg.* 46 (1952): 509-520. PubMed: 12995440.

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