

**Genomic RNA from Dengue Virus Type 3, DENV-3/US/BID-V1043/2006**

**Catalog No. NR-50532**

**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 *Aedes albopictus* mosquito larval epithelial cells (Clone C6/36; ATCC® CRL-1660™) infected with dengue virus type 3 (DEN-3), DENV-3/US/BID-V1043/2006. DENV-3, DENV-3/US/BID-V1043/2006 was isolated from a human in Puerto Rico in 2006.<sup>1,2</sup> The complete genome of DENV-3, DENV-3/US/BID-V1043/2006 has been sequenced (GenBank: [EU482555](https://www.ncbi.nlm.nih.gov/nuccore/EU482555)).<sup>2</sup>

NR-50532 has been qualified for PCR applications by amplification of an approximately 1000 base pairs of the envelope gene. Recommended dilutions for successful 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). 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-50532 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 Dengue Virus Type 3, DENV-3/US/BID-V1043/2006, NR-50532.”

**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.

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**References:**

1. Munoz-Jordan, J. L., Personal Communication.
2. Henn, M. R., et al. Broad Institute of MIT and Harvard, Cambridge, MA, USA. Direct Submission.

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