

Genomic RNA from Dengue Virus Type 2, DENV-2/US/BID-V594/2006

Catalog No. NR-50531

For research use only. Not for use in humans.

Contributor:

Jorge L. Munoz-Jordan, Ph.D., Chief, Molecular Diagnostics and Research Laboratory, Dengue Branch, Division of Vector-Borne Diseases, National Center for Emerging and Zoonotic Infectious Diseases, Centers for Disease Control and Prevention, San Juan, Puerto Rico

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 2 (DEN-2), DENV-2/US/BID-V594/2006. DEN-2, DENV-2/US/BID-V594/2006 was isolated from a human in Puerto Rico in 2006.^{1,2} The complete genome of DEN-2, DENV-2/US/BID-V594/2006 has been sequenced (GenBank: EU482725).²

NR-50531 has been qualified for PCR applications by amplification of an approximately 1000 base pairs of the polyprotein gene. 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). 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-50531 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 2, DENV-2/US/BID-V594/2006, NR-50531.”

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. 6th ed.

Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

Disclaimers:

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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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