

Contemporary Dengue Virus Nucleic Acid Panel

Catalog No. NR-51132

For research use only. Not for human use.

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 (NR-50531 and NR-50532)

World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, Texas, USA (NR-50530 and NR-50533)

Manufacturer:

BEI Resources

Product Description:

The panel consists of nucleic acids extracted from four contemporary dengue virus isolates, representing each of the four types (see Table below). Genomic RNA was isolated from preparations of cell lysate and supernatant, or clarified supernatant, from cells infected with the indicated virus. Additional information about the nucleic acids is available by accessing the individual Product Information Sheets and Certificates of Analysis on the BEI Resources website.

Virus	Item No.
Dengue Virus Type 1, UIS 998	NR-50530
Dengue Virus Type 2, US/BID-V594/2006	NR-50531
Dengue Virus Type 3, US/BID-V1043/2006	NR-50532
Dengue Virus Type 4, UIS 497	NR-50533

Material Provided:

Each panel contains one vial of each representative type genomic RNA. 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 vials should be centrifuged prior to opening.

Packaging/Storage:

The nucleic acids were packaged aseptically in screw-capped plastic cryovials. The products are 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: Contemporary Dengue Virus Nucleic Acid Panel, NR-51132."

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.

Disclaimers:

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