

Dengue Virus Nucleic Acid Panel

Catalog No. NR-32847

For research use only. Not for human use.

Contributor:
ATCC®

Manufacturer:
BEI Resources

Product Description:

NR-32847 consists of nucleic acids extracted from dengue viruses, representing each of the four types, listed in Table 1 below. Genomic RNA was isolated from preparations of cell lysate and supernatant from cells infected with the indicated virus.

Table 1 - Dengue Virus Nucleic Acid Panel

Dengue Virus	Catalog No.
Dengue Virus Type 1, Hawaii	NR-4287
Dengue Virus Type 2, New Guinea C	NR-4288
Dengue Virus Type 3, Philippines/H87/1956	NR-2771
Dengue Virus Type 4, H241	NR-4289

Each nucleic acid in this panel has been qualified for PCR applications by amplification of a sequence of approximately 1000 nucleotides or longer. Recommended dilutions for successful RT-PCR are indicated on the Certificate of Analysis.

The components of NR-32847 are available individually by requesting the indicated BEI Resources catalog number, and additional information can be found at the BEI website item detail page for each product.

Material Provided:

Each vial contains 100 µL of viral genomic DNA 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. Some of the nucleic acid preparations included in previously distributed lots of this panel contained small amounts of sodium azide. See the Certificates of Analysis for each of those components for details. The vials should be centrifuged prior to opening.

Packaging/Storage:

NR-32847 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: Dengue Virus Nucleic Acid Panel, NR-32847.”

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/bmb15/index.htm.

Disclaimers:

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