Product Information Sheet for NR-43976

Genomic RNA from Human Respiratory Syncytial Virus, A1997/12-35

Catalog No. NR-43976

For research use only. Not for use in humans.

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Manufacturer: BEI Resources

Product Description:
Genomic RNA was isolated from a preparation of cell lysate and supernatant from HEp-2 cells (ATCC® CCL-23™) infected with human respiratory syncytial virus (RSV), A1997/12-35. Human RSV, A1997/12-35 was isolated from a nasal wash from an infant with RSV bronchiolitis in Nashville, Tennessee on December 22, 1997. A1997/12-35 is one of six clinical RSV isolates that recently were shown to induce variable disease severity, lung interleukin-13 (IL-13) levels, and gob-5 levels in BALB/c mice.2,3,4 NR-43976 has been qualified for PCR applications by amplification of an approximately 900 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 8.0). Each vial of lot 61727102 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-43976 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 Human Respiratory Syncytial Virus, A1997/12-35, NR-43976.”

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.


Disclaimers:
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References:

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