Genomic RNA from Human Respiratory Syncytial Virus, A2001/3-12

Catalog No. NR-44227

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 Homo sapiens carcinoma cells (HEp-2; ATCC® CCL-23™) infected with human respiratory syncytial virus, A2001/3-12.

Human respiratory syncytial virus (RSV), A2001/3-12 was isolated from a nasal wash from an infant with RSV bronchiolitis in Nashville, Tennessee on March 12, 2001. A2001/3-12 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/cJ mice.²³⁴ NR-44227 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). 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-44227 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, A2001/3-12, NR-44227.”

Biosafety Level: 1


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References:

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