

Product Information Sheet for NR-4230

Genomic RNA from Influenza A Virus, A/Denver/1/1957 (H1N1)

Catalog No. NR-4230

For research use only. Not for use in humans.

Contributor:

ATCC®

Manufacturer:

BEI Resources

Product Description:

Genomic RNA was isolated from a preparation of allantoic fluid from specific-pathogen free (SPF) embryonated chicken eggs infected with influenza A virus, A/Denver/1/1957 (H1N1).¹ NR-4230 is a human isolate from epidemic in Colorado, 1957 and contributed to ATCC® by Marion T. Coleman, Ph.D., World Health Organization International Influenza Center for the Americas, National Communicable Disease Center, Atlanta, Georgia, USA.

NR-4230 has been qualified for PCR applications by amplification of approximately 1000 base pairs. 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. 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-4230 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 Influenza A Virus, A/Denver/1/1957 (H1N1), NR-4230."

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/bmbl5/index.htm.

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References:

1. Jensen, K. E., F. L. Dunn, and R. Q. Robinson. "Influenza, 1957: A Variant and the Pandemic." Prog. Med. Virol. 1 (1958): 165–209. PubMed: 13579008.

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