

Genomic RNA from Influenza A Virus, A/Puerto Rico/8/1934 (H1N1)

Catalog No. NR-2773

For research use only. Not for use in humans.

Contributor:
ATCC®

Manufacturer:
BEI Resources

Product Description:

Genomic RNA was isolated from a preparation of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with influenza A virus, A/Puerto Rico/8/1934 (H1N1).

Influenza A virus, A/Puerto Rico/8/1934 (H1N1) was isolated from a human patient in 1934 in Puerto Rico.¹ Sequence information is available for influenza A virus, A/Puerto Rico/8/1934 (H1N1) at the [Influenza Research Database](#).

NR-2773 has been qualified for PCR applications by amplification of an approximately 1000 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-2773 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/Puerto Rico/8/1934 (H1N1), NR-2773."

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:

- Francis, T. "Immunological Relationships of Strains of Filtrable Virus Recovered from Cases of Human Influenza." *Proc. Soc. Exp. Biol. Med.* 32 (1935): 1172-1175.

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