

Genomic RNA from Kilbourne F7: A/New Jersey/11/76 (H1N1) Mutant, High (H) Yield HA

Catalog No. NR-9685

For research use only. Not for human use.

Contributor:

National Institutes of Allergy and Infectious Diseases,
National Institutes of Health

Manufacturer:

NIH Biodefense and Emerging Infections Research
Resources Repository

Product Description:

Genomic RNA was isolated from a preparation of pooled allantoic fluid from specific-pathogen free embryonated chicken eggs infected with a high (H) yield HA mutant (Kilbourne F7)¹⁻³ of influenza A virus, A/New Jersey/11/76 (H1N1) that was isolated from the 1976 epidemic at Ft. Dix, New Jersey.⁴

NR-9685 has been qualified for PCR applications by amplification of an approximately 1030 nucleotide sequence. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

Material Provided:

Each vial contains 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0) containing sodium azide. 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-9685 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 the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Genomic RNA from Kilbourne F7: A/New Jersey/11/76 (H1N1) Mutant, High (H) Yield HA, NR-9685."

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm.

Disclaimers:

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