

**Genomic RNA from Influenza A Virus, A/New Jersey/8/1976 (H1N1)**

**Catalog No. NR-43023**

**For research use only. Not for human use.**

**Contributor:**

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**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/New Jersey/8/1976 (H1N1).

Influenza A virus, A/New Jersey/8/1976 (H1N1) was isolated from an adult human during the influenza outbreak at Fort Dix, New Jersey during January and February, 1976.<sup>1</sup> Sequence information is available for influenza A virus, A/New Jersey/8/1976 (H1N1) at the [Influenza Research Database](#).

NR-43023 has been qualified for PCR applications by amplification of an approximately 1025 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). 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-43023 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/New Jersey/8/1976 (H1N1), NR-43023."

**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, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**Reference:**

1. Kendal, A. P., et al. "Identification and Preliminary Antigenic Analysis of Swine Influenza-Like Viruses Isolated During an Influenza Outbreak at Fort Dix, New Jersey." *J. Infect. Dis.* 136 (1977): S381-S385. PubMed: 606762.

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