

Genomic RNA from Kilbourne F9: A/New Jersey/11/76 (H1N1)**Catalog No. NR-10077****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 wild type influenza A virus, A/New Jersey/11/76 (H1N1) (Kilbourne F9).¹⁻³

NR-10077 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-10077 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen 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 F9: A/New Jersey/11/76 (H1N1), NR-10077."

Biosafety Level: 1Appropriate 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/bmbl5/bmbl5toc.htm.**Disclaimers:**

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1. http://www.flu-archive.org/data_sheets/F9.doc
2. <http://www.flu-archive.org/>
3. http://www.flu-archive.org/search/results.pl?search_string=&join_type=and
4. Palese, P., et al. "Genetic Composition of a High-Yielding Influenza A Virus Recombinant: A Vaccine Strain Against "Swine" Influenza." Science 194 (1976): 334-335. PubMed: 968486.

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