

Genomic RNA from Kilbourne F25: A/turkey/Kansas/4880/80 (H1N1) Mutant, Low (L) Yield (Animal Isolate)**Catalog No. NR-10055****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 low (L) yield mutant (Kilbourne F25) of influenza A virus, A/turkey/Kansas/4880/80 (H1N1).¹⁻³

NR-10055 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-10055 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 F25: A/turkey/Kansas/4880/80 (H1N1) Mutant, Low (L) Yield (Animal Isolate), NR-10055."

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/bmb15/bmb15toc.htm.**Disclaimers:**You are authorized to use this product for research use only. It is not intended for human use. Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

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1. http://www.flu-archive.org/data_sheets/F25.doc
2. <http://www.flu-archive.org/>
3. http://www.flu-archive.org/search/results.pl?search_string=&join_type=and
4. Kilbourne, E. D., et al. "Hemagglutinin Polymorphism as the Basis for Low- and High-Yield Phenotypes of Swine Influenza Virus." *Proc. Natl. Acad. Sci. U.S.A.* 85 (1988): 7782-7785. PubMed: 3174662.

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