

**Genomic RNA from Kilbourne F15:
A/swine/115 (H1N1) Mutant, Low (L) Yield****Catalog No. NR-10063****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 F15) of influenza A virus, A/swine/115 (H1N1).¹⁻³

NR-10063 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-10063 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 F15: A/swine/115 (H1N1) Mutant, Low (L) Yield, NR-10063."

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:**

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.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government make any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:**This material is distributed for internal research, non-commercial purposes only.** This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.**References:**

1. http://www.flu-archive.org/data_sheets/F15.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.
5. Kilbourne, E. D., B. C. Easterday and S. McGregor. "Evolution to Predominance of Swine Influenza Virus Hemagglutinin Mutants of Predictable Phenotype during Single Infections of the Natural Host." *Proc. Natl. Acad. Sci. U. S. A.* 85 (1988): 8098-8101. PubMed: 3186713.

ATCC® is a trademark of the American Type Culture Collection.

**Biodefense and Emerging Infections Research Resources Repository**P.O. Box 4137
Manassas, VA 20108-4137 USA
www.beiresources.org

800-359-7370

Fax: 703-365-2898

E-mail: contact@beiresources.org