

**Genomic RNA from Kilbourne F71: A/Guangdong/39/89 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-105**

**Catalog No. NR-10367**

**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 reassortant influenza A virus, A/Guangdong/39/89 (HA, NA) x A/Puerto Rico/8/34 (H3N2) (Kilbourne F71; X-105).<sup>1-3</sup>

NR-10367 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-10367 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 F71: A/Guangdong/39/89 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-105, NR-10367."

**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](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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**References:**

1. [http://www.flu-archive.org/data\\_sheets/F71.doc](http://www.flu-archive.org/data_sheets/F71.doc)
2. <http://www.flu-archive.org/>
3. [http://www.flu-archive.org/search/results.pl?search\\_string=&join\\_type=and](http://www.flu-archive.org/search/results.pl?search_string=&join_type=and)
4. Johansson, B. E. and E. D. Kilbourne. "Influenza Vaccine Strain Selection: Equivalence of Two Antigenically Distinct Haemagglutinin Variants of 1989 H3N2 Influenza A Virus in Protection of Mice." Vaccine 10 (1992): 603-606. PubMed: 1502837.

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