

Genomic RNA from Kilbourne F152: A/NWS/34 (HA) x A/Rockefeller Institute/5/57 (NA) (H1N2), Reassortant X-7

Catalog No. NR-9681

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/NWS/34 (HA) x A/Rockefeller Institute/5/57 (NA) (H1N2) (Kilbourne F152, reassortant X-7).¹⁻³

NR-9681 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-9681 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 the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Genomic RNA from Kilbourne F152: A/NWS/34 (HA) x A/Rockefeller Institute/5/57 (NA) (H1N2), Reassortant X-7, NR-9681."

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.

Disclaimers:

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References:

1. http://www.flu-archive.org/data_sheets/F152.doc
2. <http://www.flu-archive.org/>
3. http://www.flu-archive.org/search/results.pl?search_string=&join_type=and
4. Laver, W. G. and E. D. Kilbourne. "Identification in a Recombinant Influenza Virus of Structural Proteins Derived from Both Parents." *Virology* 30 (1966): 493-501. PubMed: 5921646.
5. Kilbourne, E. D. "Recombination of Influenza A Viruses of Human and Animal Origin." *Science* 160 (1968): 74-76. PubMed: 5642310.
6. Kilbourne, E. D., et al. "Antiviral Activity of Antiserum Specific for an Influenza Virus Neuraminidase. I. *In vitro* Effects." *J. Virol.* 2 (1968): 281-288. PubMed: 4911843.

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