

Genomic RNA from Influenza A Virus, A/Wisconsin/67/05 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-161B

Catalog No. NR-10045

For research use only. Not for human use.

Contributor:

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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/Wisconsin/67/05 (HA, NA) x A/Puerto Rico/8/34 (H3N2) (X-161B).

Influenza A/Wisconsin/67/05 (H3N2) was originally isolated on August 31, 2005 from a human nasal swab in Wisconsin.¹ Influenza A/Wisconsin/67/05 (H3N2)-like viruses have been used as the influenza A (H3N2) component of trivalent vaccines worldwide since 2006.²

NR-10045 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-10045 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 Influenza A Virus, A/Wisconsin/67/05 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-161B, NR-10045."

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/bmbl5/bmbl5toc.htm.

Disclaimers:

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References:

1. Dr. Alexander Klimov, personal communication.
2. <http://www.who.int/csr/disease/influenza/vaccinerecommendations/en/index.html>

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