Genomic RNA from Kilbourne F123: A/Victoria/3/75 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-47

Catalog No. NR-10185

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/Victoria/3/75 (HA, NA) x A/Puerto Rico/8/34 (H3N2) (Kilbourne F123; X-47).[1-3]

NR-10185 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-10185 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 F123: A/Victoria/3/75 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-47, NR-10185."

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. http://www.flu-archive.org/data_sheets/F123.doc
2. http://www.flu-archive.org/
3. http://www.flu-archive.org/search/results.pl?search_string=&join_type=and
4. Brett, I., J. Werber and E. D. Kilbourne. "Rapid Confirmation by RFLP of Transfer to Vaccine Candidate Reassortant Viruses of the Principal 'High Yield' Gene of Influenza A Viruses." J. Virol. Methods 100 (2002): 133-140. PubMed: 11742660.
5. Baez, M., P. Palese and E. D. Kilbourne. "Gene Composition of High-Yielding Influenza Vaccine Strains Obtained by Recombination." J. Infect. Dis. 141 (1980): 362-365. PubMed: 7365284.

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