

Genomic RNA from Influenza A Virus, A/duck/Pennsylvania/10218/1984 (H5N2)

Catalog No. NR-2763

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Product Description:

Genomic RNA was isolated from a preparation of pooled chicken allantoic fluid infected with influenza A virus, A/duck/Pennsylvania/10218/1984 (H5N2).

NR-2763 has been qualified for PCR applications by amplification of an approximately 1000 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). 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-2763 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 BEI Resources, NIAID, NIH: Genomic RNA from Influenza A Virus, A/duck/Pennsylvania/10218/1984 (H5N2), NR-2763."

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, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Hinshaw, V. S., et al. "Influenza Virus Surveillance in Waterfowl in Pennsylvania after the H5N2 Avian Outbreak." Avian Dis. 30 (1986): 207–212. PubMed: 3015104.
2. Hinshaw, V. S., et al. "Circulation of Influenza Viruses and Paramyxoviruses in Waterfowl Originating from Two Different Areas of North America." Bull. World Health Organ. 63 (1985): 711–719. PubMed: 3878741.
3. Hoffmann, E., et al. "Universal Primer Set for the Full-Length Amplification of All Influenza A Viruses." Arch. Virol. 146 (2001): 2275–2289. PubMed: 11811679.

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