

### Genomic RNA from Influenza A Virus, A/Japan/305/57 (H2N2)

Catalog No. NR-2775

For research use only. Not for human use.

**Contributor:**

ATCC®

**Manufacturer:**

NIH Biodefense and Emerging Infections Research Resources Repository

**Product Description:**

Genomic RNA was isolated from a preparation of pooled chicken allantoic fluid infected with influenza A virus, A/Japan/305/57 (H2N2).

Influenza A virus, A/Japan/305/57 (H2N2) was isolated from a patient (American Military Personnel) in Japan, 1957.

NR-2775 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-2775 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 Influenza A Virus, A/Japan/305/57 (H2N2), NR-2775."

**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/bml5/bml5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bml5/bml5toc.htm).

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**References:**

1. Meyer Jr., H. M., et al. "New Antigenic Variant in Far East Influenza Epidemic, 1957." Proc. Soc. Exp. Biol. Med. 95 (1957): 609–616. PubMed: 13453522.
2. Monto, A. S. and F. Olazabal, Jr. "Asian Influenza in the Panama Canal Zone: Isolation of a Virus Variant and Protective Effect of a Vaccine Containing A2/Japan/305/57." Am. J. Epidemiol. 83 (1966): 101–112. PubMed: 5910213.
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4. 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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