

Product Information Sheet for NR-9534

Genomic RNA from Influenza A Virus, A/Aichi/2/1968 (H3N2)

Catalog No. NR-9534

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For research use only. Not for human use.

Contributor:

National Institutes of Allergy and Infectious Diseases (NIAID),
National Institutes of Health (NIH)

Manufacturer:

BEI Resources

Product Description:

Genomic RNA was isolated from a preparation of pooled allantoic fluid from specific-pathogen free embryonated chicken eggs infected with influenza A virus, A/Aichi/2/1968 (H3N2).¹

Influenza A virus, A/Aichi/2/1968 (H3N2) was isolated in 1968 from a sailor on an Israeli ship docking at Aichi, Japan.

NR-9534 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). Lot 58007006 contains sodium azide; lot 62153957 does not. 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-9534 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. Note: The storage temperature indicated on the vial for Lot 58007006 is incorrect.** 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/Aichi/2/1968 (H3N2), NR-9534."

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.

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References:

1. Coleman, M. T., et al. "The Hong Kong-68 Influenza A2 Variant." Lancet 2 (1968): 1384-1386. PubMed: 4177941.

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