

Genomic RNA from Influenza A Virus, A/Macha/O1453/2021 (H1N1)

Catalog No. NR-59585

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic RNA was isolated from a preparation of cell lysate and supernatant from Madin-Darby canine kidney SIAT-1 (MDCK-SIAT1) cells infected with influenza A virus, A/Macha/O1453/2021 (H1N1). Influenza A virus, A/Macha/O1453/2021 (H1N1) was isolated from a human in 2021 in Zambia.¹

NR-59585 has been qualified for PCR applications by amplification of an approximately 1000 base pairs of the matrix gene. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

Material Provided:

Each vial contains approximately 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 8.0). 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-59585 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/Macha/O1453/2021 (H1N1), NR-59585.”

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 \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

Disclaimers:

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References:

1. Pekosz, A. S., Personal Communication.

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