

**Genomic RNA from Influenza B Virus, B/Florida/4/2006**

**Catalog No. NR-10047**

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**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 pooled allantoic fluid from specific pathogen free embryonated chicken eggs infected with influenza B virus, B/Florida/4/2006. Influenza B/Florida/4/2006 was originally isolated on November 1, 2006 from a human nasal swab in Florida.<sup>1</sup> Influenza B/Florida/4/2006-like viruses have been used as part of trivalent influenza vaccines worldwide since 2008.<sup>2</sup>

NR-10047 has been qualified for PCR applications by amplification of an approximately 1080 base pairs of the hemagglutinin 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-10047 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. Note: The storage temperature indicated on the vial for lot 58774793 is incorrect.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic RNA from Influenza B Virus, B/Florida/4/2006, NR-10047."

**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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Klimov, A., Personal Communication.
2. [WHO](http://www.who.int)

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