Genomic RNA from Influenza B Virus, B/Malaysia/2506/04

Catalog No. NR-10048

For research use only. Not for human use.

Contributor:
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Manufacturer:
NIH Biodefense and Emerging Infections Research Resources Repository

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/Malaysia/2506/04.

Influenza B/Malaysia/2506/04 was originally isolated on June 12, 2004 from a human nasal swab in Malaysia.1 Influenza B/Malaysia/2506/04-like viruses were used as part of trivalent influenza vaccines worldwide from 2006-2008.2

NR-10048 has been qualified for PCR applications by amplification of an approximately 1080 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) containing sodium azide. 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-10048 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 5877479 is incorrect. 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 B Virus, B/Malaysia/2506/04, NR-10048.”

Biosafety Level: 1

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References:
1. Dr. Alexander Klimov, personal communication.
2. WHO Recommendations for Influenza Vaccines

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