

Genomic RNA from Influenza B Virus, B/Nevada/03/2011 (Victoria Lineage)
Catalog No. NR-45848
Product Description:

Genomic RNA was isolated from a preparation of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with influenza B virus, B/Nevada/03/2011 (Victoria lineage) (BEI Resources seed lot 70039859) using QIAamp® Viral RNA Mini Kit (Qiagen® 52906). The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA.

Lot: 70039702
Manufacturing Date: 03FEB2021

TEST	SPECIFICATIONS	RESULTS
Genotypic Analysis Sequencing of species-specific region (~ 880 nucleotides)	≥ 98% identity with B/Nevada/03/2011(Victoria Lineage) (GenBank: KC813804.1)	99.9% identity with B/Nevada/03/2011(Victoria Lineage) (GenBank: KC813804.1)
Functional Activity by RT-PCR Amplification^{1,2} Hemagglutinin gene	~ 1000 base pair amplicon	~ 1000 base pair amplicon
Virus Inactivation 10% of total yield inoculated in SPF embryonated chicken eggs and evaluated by hemagglutination assay ³	No viable virus detected	No viable virus detected

¹Amplified using iTaq™ Universal SYBR Green One-step Kit (Bio-Rad® 172-5151) with 5 µL of NR-45848 in a 50 µL reaction

²No concentration is available for this item. However, the vial material demonstrates functional activity.

³Use of the QIAamp® Viral RNA Mini Kit has been demonstrated to consistently inactivate 100% of influenza B viruses as shown by the hemagglutination assay of the entire extract on virus-susceptible SPF embryonated chicken eggs for two passages.

/Heather Couch/

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13 SEP 2021

Program Manager or designee, ATCC Federal Solutions

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