

Genomic RNA from Influenza A Virus, A/duck/Chabarovsk/1610/1972 (H3N8)

Catalog No. NR-43024

Product Description: Genomic RNA was isolated from a preparation of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs¹ infected with influenza A virus, A/duck/Chabarovsk/1610/1972 (H3N8).

Lot²: 62712963

Manufacturing Date: 08JUL2014

TEST	SPECIFICATIONS	RESULTS
Sequencing of Influenza A Specific Region Matrix gene (272 nucleotides)	Consistent with A/duck/ Chabarovsk/1610/1972 (H3N8) Consistent with NR-21669	99% identity with A/duck/ Chabarovsk/1610/1972 (H3N8) (GenBank: CY130127) Consistent with NR-21669
Functional Activity by RT-PCR Amplification^{3,4}	~ 1025 bp amplicon	~ 1025 bp amplicon (Figure 1)
Total RNA Content by RiboGreen[®] Measurement (Viral, Cellular and Carrier)	Report results	11 ng per 100 µL
Virus Inactivation 10% of total yield incubated in SPF embryonated chicken eggs ¹ and evaluated by hemagglutination assay ⁵	No virus detected	No virus detected

¹9- to 11-day-old SPF Embryonated Chicken Eggs acquired from B&E Eggs, York Springs, Pennsylvania

²Nucleic acid was extracted from a preparation of influenza A virus, A/duck/Chabarovsk/1610/1972 (H3N8) (BEI Resources NR-21669, Lot 59807784), using a QIAamp Viral RNA Mini Kit (Qiagen 52904).

³Amplified using iTaq[™] Universal SYBR[®] Green One-Step (Bio-Rad 172-5150) with 5µL of NR-43024 in a 50 µL reaction

⁴The primers are described in Hoffmann, E., et al. "Universal Primer Set for the Full-Length Amplification of All Influenza A Viruses." *Arch. Virol.* 146 (2001): 2275-2289. PubMed: 11811679.

⁵Use of the QIAamp[®] Viral RNA Mini Kit has been demonstrated to consistently inactivate 100% of influenza viruses.

Date: 12 JAN 2015

Signature: 

Title: Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



