

Genomic RNA from Influenza A Virus, A/duck/Germany/1215/1973 (H2N3)

Catalog No. NR-2762

Product Description: Genomic RNA was isolated from a preparation of pooled chicken allantoic fluid¹ infected with influenza A virus, A/duck/Germany/1215/1973 (H2N3).

Lot²: 7723966

Manufacturing Date: 23JAN2007

TEST	SPECIFICATIONS	RESULTS
Sequencing of Influenza A Specific Region Matrix gene (~ 900 nucleotides)	Influenza A virus Consistent with A/duck/Germany/1215/1973 (H2N3)	Influenza A virus Consistent with A/duck/Germany/1215/1973 (H2N3)
Functional Activity by RT-PCR Amplification^{3,4}	~ 1000 bp amplicon	~ 1000 bp amplicon (See Figure 1)
Total RNA Content by RiboGreen[®] Measurement (Viral, Cellular and Carrier)	Report results	31 ng per 100 µL
Total DNA Content by PicoGreen[®] Measurement (Viral and Cellular)	Report results	5 ng per 100 µL
Virus Inactivation 10% of total yield evaluated by hemagglutination assay ⁵	No virus detected	No virus detected

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

²Nucleic acid was extracted from a preparation of influenza A virus, A/duck/Germany/1215/1973 (H2N3) (BEI Resources NR-2757; Lot 7677041) using a Qiagen QIAamp[®] Viral RNA Mini kit.

³Amplified using 1:25 dilution of NR-2762 and One-Step RT-PCR Kit (Qiagen 210212)

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.

⁵This extraction procedure has been shown to consistently inactivate 100% of influenza viruses.

Date: 10 APR 2014

Signature:



Title: Technical Manager, BEI Authentication or designee

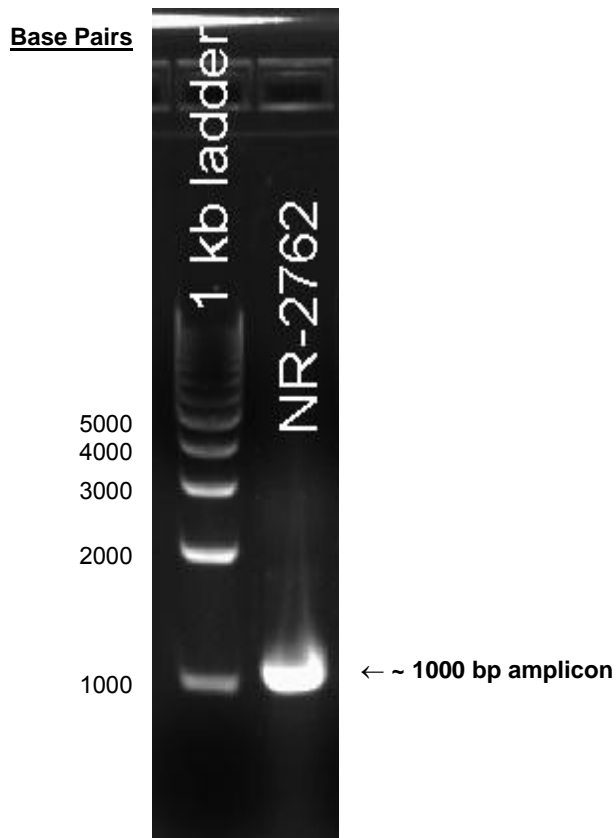
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Figure 1



Bio-Rad EZ Load™
1kb Molecular Ruler