

Genomic RNA from Influenza A Virus, A/Victoria/361/2011 (H3N2)

Catalog No. NR-45847

Product Description:

Genomic RNA was isolated from a preparation of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with influenza A virus, A/Victoria/361/2011 (H3N2) (seed material lot 70039858) using QIAamp® Viral RNA Mini Kit (Qiagen® 52906). The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA.

Lot: 70037385

Manufacturing Date: 04FEB2021

TEST	SPECIFICATIONS	RESULTS
Genotypic Analysis Sequencing of species-specific region (~ 930 nucleotides)	≥ 98% identity with A/Victoria/361/2011 (H3N2) (GenBank: KJ942681)	99.9% identity with A/Victoria/361/2011 (H3N2) (GenBank: KJ942681)
Functional Activity by RT-PCR Amplification^{1,2} Matrix gene	~ 1030 base pair amplicon	~ 1030 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-45847 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 A viruses as shown by hemagglutination assay of the entire extract on virus-susceptible SPF embryonated chicken eggs for two passages.

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Program Manager or designee, ATCC Federal Solutions

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