

**Genomic RNA from Influenza A Virus, A/Brisbane/59/2007 (H1N1)**

**Catalog No. NR-20080**

**Product Description:**

Genomic RNA was isolated from a preparation of pooled allantoic fluid from 9- to 11-day old specific-pathogen free embryonated chicken eggs infected with influenza A virus, A/Brisbane/59/2007 (H1N1) lot 70014485 using QIAamp® Viral RNA Mini Kit (Qiagen® 52904). The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA.

**Lot: 70040996**

**Manufacturing Date: 06JAN2021**

TEST	SPECIFICATIONS	RESULTS
<b>Genotypic Analysis</b> Sequencing of species-specific region (~ 950 nucleotides)	≥ 98% identity with influenza A/Brisbane/59/2007 (H1N1) (GenBank: CY163633.1).	99.9% identity with influenza A/Brisbane/59/2007 (H1N1) (GenBank: CY163633.1)
<b>Functional Activity by RT-PCR Amplification<sup>1,2</sup></b> Matrix gene	~ 1000 base pair amplicon	~ 1000 base pair amplicon
<b>Virus Inactivation</b> 10% of total yield inoculated in SPF embryonated chicken eggs and evaluated by hemagglutination assay <sup>3</sup>	No viable virus detected	No viable virus detected

<sup>1</sup>Amplified using iTaq™ Universal SYBR Green One-step Kit (Bio-Rad® 172-5151) with 5 µL of NR-20080 in a 50 µL reaction

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

<sup>3</sup>Use 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.

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