

**Genomic RNA from Influenza A Virus, A/equine/Prague/1956 (H7N7)**

**Catalog No. NR-35976**

**Product Description:** Genomic RNA was isolated from a preparation of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs<sup>1</sup> infected with influenza A virus, A/equine/Prague/1956 (H7N7).

**Lot<sup>2</sup>: 62344264**

**Manufacturing Date: 19MAR2014**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of Influenza A Specific Region</b> Nucleoprotein gene (754 nucleotides)	Consistent with A/equine/Prague/1956 (H7N7)	99% identity with A/equine/Prague/1956 (H7N7) (GenBank: CY130137)
<b>Functional Activity by RT-PCR Amplification<sup>3</sup></b>	~ 1000 bp amplicon	~ 1000 bp amplicon (Figure 1)
<b>Total RNA Content by RiboGreen<sup>®</sup> Measurement</b> (Viral, Cellular and Carrier)	Report results	15 ng per 100 µL
<b>Virus Inactivation</b> > 10% of total yield incubated in SPF embryonated chicken eggs <sup>1</sup> and evaluated by hemagglutination assay <sup>4</sup>	No virus detected	No virus detected

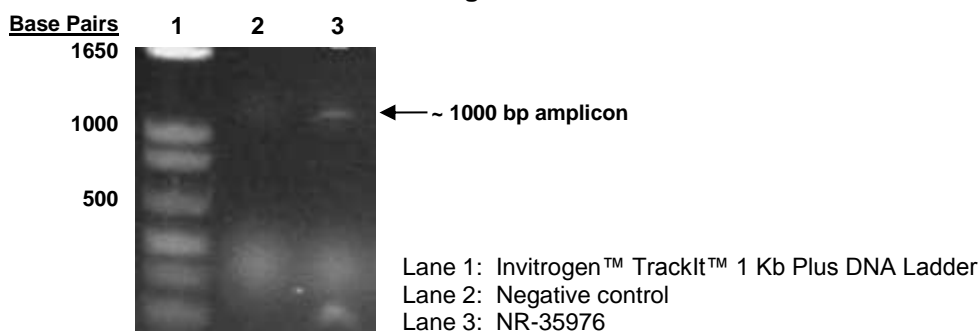
<sup>1</sup>9- to 11-day-old SPF Embryonated Chicken Eggs acquired from B&E Eggs, York Springs, Pennsylvania

<sup>2</sup>Nucleic acid was extracted from a preparation of influenza A virus, A/equine/Prague/1956 (H7N7) (BEI Resources NR-21656, Lot 59946317), using a QIAamp<sup>®</sup> Viral RNA Mini Kit (Qiagen 52906).

<sup>3</sup>Amplified using iTaq<sup>™</sup> Universal SYBR<sup>®</sup> Green One-Step Kit (Bio-Rad 172-5151) with 5µL of NR-35976 in a 50 µL reaction

<sup>4</sup>Use of the QIAamp<sup>®</sup> Viral RNA Mini Kit has been demonstrated to consistently inactivate 100% of influenza viruses.

**Figure 1**



**Date:** 30 JUL 2014

**Signature:**

*Michael R. Gryn*

**Title:** Technical Manager, BEI Authentication or designee

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