

**Genomic RNA from Kilbourne F152: A/NWS/34 (HA) x A/Rockefeller Institute/5/57 (NA) (H1N2), Reassortant X-7**

**Catalog No. NR-9681**

**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 reassortant influenza A virus, A/NWS/34 (HA) x A/Rockefeller Institute/5/57 (NA) (H1N2) (Kilbourne F152; X-7).

**Lot<sup>2</sup>: 58214985**

**Manufacturing Date: 03JUN2008**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of Influenza A Specific Region</b> Matrix gene (~ 880 nucleotides)	Influenza A virus	Influenza A virus
<b>Functional Activity by RT-PCR Amplification<sup>3,4</sup></b>	~ 1030 bp amplicon	~ 1030 bp amplicon (Figure 1)
<b>Total RNA Content by RiboGreen<sup>®</sup> Measurement (Viral, Cellular and Carrier)</b>	Report results	76.6 ng per 100 µL
<b>Total DNA Content by PicoGreen<sup>®</sup> Measurement (Viral and Cellular)</b>	Report results	33.8 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>5</sup>	No virus detected	No virus detected
<b>Sodium Azide Content</b>	Report results	0.0004%

<sup>1</sup>10 to 11-day-old SPF Fertile Chicken Eggs acquired from B&E Eggs, York Springs, Pennsylvania

<sup>2</sup>Nucleic acid was extracted from a preparation of reassortant influenza A virus, A/NWS/34 (HA) x A/Rockefeller Institute/5/57 (NA) (H1N2) (BEI Resources NR-3546; Lot 58079923) using a QIAamp<sup>®</sup> Viral RNA Mini kit (Qiagen 52906).

<sup>3</sup>Amplified using 1:25 dilution of NR-9681 and One-Step RT-PCR Kit (Qiagen 210212)

<sup>4</sup>The 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.

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

**Date:** 21 JAN 2011

**Signature:** 

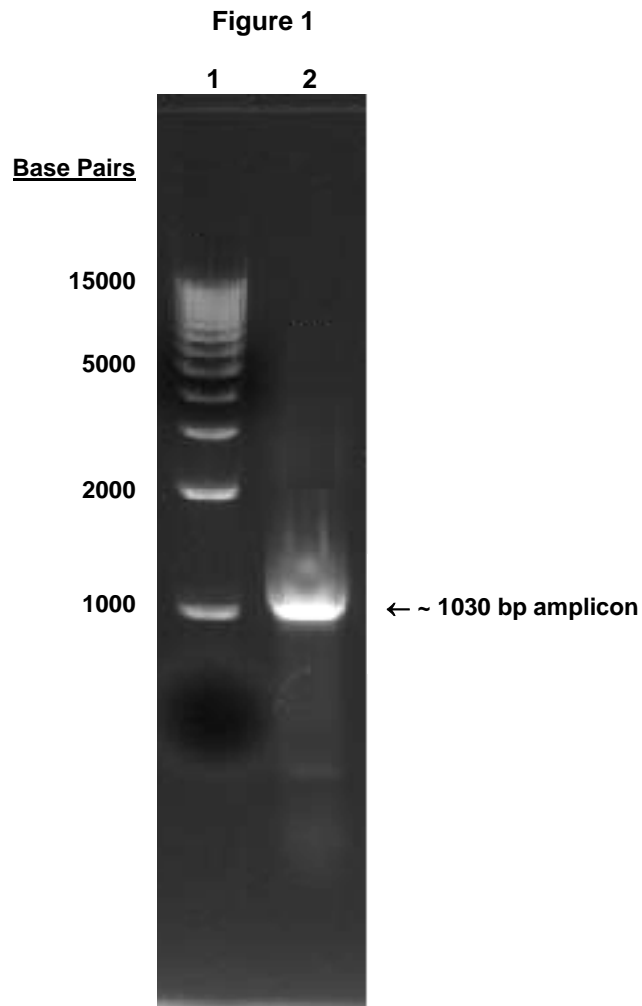
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Lane 1: BioRad 1 kb EZ Load™ Molecular Ruler  
Lane 2: 25-fold dilution of NR-9681