

**Plasmid Containing H7 Hemagglutinin (HA) Gene from Influenza A Virus A/mallard/Netherlands/12/2000 (H7N3)**

**Catalog No. NR-28999**

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**Product Description:** The H7 hemagglutinin (HA) gene from influenza A virus, A/mallard/Netherlands/12/2000 (H7N3), was cloned into a modified version of the bidirectional reverse genetics plasmid, pHW2000. The plasmid was produced in *Escherichia coli* and extracted.<sup>1</sup>

**Lot: 60692803**

**Manufacturing Date: 08MAR2012**

TEST	SPECIFICATIONS	RESULTS
<b>Confirmation of Insert by Restriction Enzyme Digestion</b> Digestion with <i>SacI</i> <sup>2</sup>	~ 2.1 kb (insert); ~ 2.6 kb (vector)	~ 2.1 kb; ~ 2.6 kb
<b>Sequencing of H6 Hemagglutinin Coding Region</b>	Consistent with A/mallard/Netherlands/12/2000 (H7N3)	99% identity with A/mallard/Netherlands/12/2000 (H7N3) (GenBank: GU053030)
<b>PicoGreen® Measurement</b> DNA content DNA concentration	Report results Report results	60 ng per vial 0.6 ng per µL
<b>Effective Bacterial Transformation</b>	≥ 100 colonies per ng	≥ 100 colonies per ng

<sup>1</sup>Produced in *Escherichia coli* Stb12™ cells (Invitrogen™ 10268) and extracted using an EndoFree® Plasmid Maxi Kit (QIAGEN® 12362)

<sup>2</sup>*SacI* (New England BioLabs, Inc. R0156M)

**Date:** 11 JUN 2012

**Signature:**



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

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