

Plasmid Containing H2 Hemagglutinin (HA) Gene from Influenza A Virus, A/mallard/Netherlands/5/1999 (H2N9)

Catalog No. NR-28994

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Product Description: The H2 hemagglutinin (HA) gene from influenza A virus, A/mallard/Netherlands/5/1999 (H2N9), was cloned into a modified version of the bidirectional reverse genetics plasmid, pHW2000. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 60692799

Manufacturing Date: 13APR2012

TEST	SPECIFICATIONS	RESULTS
Confirmation of Insert by Restriction Enzyme Digestion Digestion with <i>SacI</i> ²	~ 2.1 kb (insert); ~ 2.6 kb (vector)	~ 2.1 kb (insert); ~ 2.6 kb (vector)
Sequencing of H2 Hemagglutinin Coding Region	Consistent with A/mallard/Netherlands/5/1999 (H2N9)	100% identity with A/mallard/Netherlands/5/1999 (H2N9) (GenBank: CY064950)
PicoGreen[®] Measurement DNA content DNA concentration	Report results Report results	50 ng per vial 0.5 ng per µL
Effective Bacterial Transformation	≥ 100 colonies per ng	≥ 100 colonies per ng

¹Produced in *Escherichia coli* Stbl2™ cells (Invitrogen™ 10268) and extracted using an EndoFree[®] Plasmid Maxi Kit (QIAGEN[®] 12362)

²*SacI* (New England BioLabs, Inc. R0156M)

Date: 05 OCT 2012

Signature:



Title: Technical Manager, BEI Authentication or designee

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