

Plasmid Containing N6 Neuraminidase (NA) Gene from Influenza A Virus, A/mallard/Netherlands/1/1999 (H4N6)

Catalog No. NR-29015

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Product Description: The N6 Neuraminidase (NA) Gene from Influenza A Virus, A/mallard/Netherlands/1/1999 (H4N6), was cloned into a modified version of the bidirectional reverse genetics plasmid, pHW2000. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 61119639

Manufacturing Date: 02AUG2012

TEST	SPECIFICATIONS	RESULTS
Confirmation of Insert by Restriction Enzyme Digestion Digestion with <i>SacI</i> ²	~ 0.6 kb (insert); ~ 1.3 kb (insert); ~ 2.6 kb (vector)	~ 0.6 kb; ~ 1.3 kb; ~ 2.6 kb
Sequencing of N6 Neuraminidase Coding Region	Consistent with A/mallard/Netherlands/1/1999 (H4N6)	99% identity with A/mallard/Netherlands/1/1999 (H4N6) (GenBank: CY060243)
PicoGreen[®] Measurement DNA content DNA concentration	Report results Report results	70 ng per vial 0.7 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: 23 OCT 2012

Signature:



Title: Technical Manager, BEI Authentication or designee

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