

Plasmid Containing N7 Neuraminidase (NA) Gene from Influenza A Virus, A/chicken/Netherlands/1/2003 (H7N7)

Catalog No. NR-29016

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Product Description: The N7 Neuraminidase (NA) Gene from Influenza A Virus, A/chicken/Netherlands/1/2003 (H7N7), was cloned into a modified version of the bidirectional reverse genetics plasmid, pHW2000. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 61181907

Manufacturing Date: 21SEP2012

TEST	SPECIFICATIONS	RESULTS
Confirmation of Insert by Restriction Enzyme Digestion Digestion with <i>SacI</i> ²	~ 1.8 kb (insert); ~ 2.6 kb (vector)	~ 1.8 kb; ~ 2.6 kb
Sequencing of N7 Neuraminidase Coding Region	Consistent with A/chicken/Netherlands/1/2003 (H7N7)	99% identity with A/chicken/Netherlands/1/2003 (H7N7) (GenBank: AY340077)
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: 31 JAN 2013

Signature: 

Title: Technical Manager, BEI Authentication or designee

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