

Plasmid Containing H9 Hemagglutinin (HA) Gene from Influenza A Virus, A/Eurasian wigeon/Netherlands/4/2005 (H9N2)

Catalog No. NR-29001

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Product Description: The H9 hemagglutinin (HA) gene from influenza A virus, A/Eurasian wigeon/Netherlands/4/2005 (H9N2), was cloned into a modified version of the bidirectional reverse genetics plasmid, pHW2000. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 63421356

Manufacturing Date: 01APR2015

| TEST | SPECIFICATIONS | RESULTS |
|--|---|--|
| Confirmation of Insert by Restriction Enzyme Digestion Digestion with <i>SacI</i> ² | ~ 2.1 kb (insert); ~ 2.6 kb (vector) | ~ 2.5 kb; ~ 2.6 kb |
| Sequencing of H9 Hemagglutinin Coding Region | Consistent with A/Eurasian wigeon/Netherlands/4/2005 (H9N2) | 100% identity with A/Eurasian wigeon/Netherlands/4/2005 (H9N2) (GenBank: HM136574) |
| PicoGreen[®] Measurement DNA content DNA concentration | Report results Report results | 60 ng per vial 0.6 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 Plasmid Plus Maxi Kit (QIAGEN[®] 12963)

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

Date: 18 AUG 2015

Signature: 

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