

Plasmid Containing H14 Hemagglutinin (HA) Gene from Influenza A Virus, A/mallard/Gurjev/263/1982 (H14N5)

Catalog No. NR-29006

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Product Description: The H14 hemagglutinin (HA) gene from influenza A virus, A/mallard/Gurjev/263/1982 (H14N5), was cloned into a modified version of the bidirectional reverse genetics plasmid, pHW2000. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 61056468

Manufacturing Date: 12JUL2012

| 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; ~ 2.6 kb |
| Sequencing of H14 Hemagglutinin Coding Region | Consistent with A/mallard/Gurjev/263/1982 (H14N5) | 98% identity with A/mallard/Gurjev/263/1982 (H14N5) (GenBank: M35997) |
| 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 an EndoFree[®] Plasmid Maxi Kit (QIAGEN[®] 12362)

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

Date: 06 NOV 2012

Signature:



Title: Technical Manager, BEI Authentication or designee

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