

Synfluenza (Synthetic Influenza) Clone Set, Recombinant in *Escherichia coli*, Plate 8 (Hemagglutinin)

Catalog No. NR-45097

This reagent is the tangible property of the U.S. Government.

Product Description: Each synthetic hemagglutinin (HA) gene from NR-45097 was manufactured from seven individually-designed, double-stranded DNA construct cassettes produced by assembly of eight chemically-synthesized oligonucleotides using the Gibson Assembly™ process. The seven cassettes were combined into the pSMART®-LCKan vector (Lucigen®) to establish gene segment clones in One Shot® TOP10 competent (Invitrogen™) *Escherichia coli* (*E. coli*) cells.

Lot¹: 62123439

Manufacturing Date: 26SEP2013

TEST	SPECIFICATIONS	RESULTS
Presence of HA Insert Sequence ²	Confirmed	Confirmed
Viability	Report results	Growth confirmed

¹All quality control results were provided by J. Craig Venter Institute.

²All clones are reported to contain full length inserts

Date: 18 FEB 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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