

Plasmid Containing West Nile Virus, MAD78 Infectious Clone, pWNV-MAD-IC

Catalog No. NR-49446

Product Description: The complete genome of West Nile virus (WNV) MAD78 (DakAnMg798) with a T7 promoter immediately upstream of the 5' end was cloned into the pWSK29 vector. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 63538174

Manufacturing Date: 17JUN2015

TEST	SPECIFICATIONS	RESULTS
PicoGreen® Measurement² DNA content DNA concentration	Report results Report results	77 ng 77 ng in 100 µL per vial (0.77 µg/mL)
Next-Generation Sequencing² Plasmid vector (5341 nucleotides) Viral genome (10981 nucleotides)	Report results Report results	Identity confirmed ³ Identity confirmed ⁴
Effective Transformation of <i>Escherichia coli</i>	≥ 100 colonies per ng	88 colonies per ng ⁵

¹Produced in *Escherichia coli* MDS™ 42 cells and extracted using a Plasmid Plus Maxi Kit (QIAGEN® 12963)

²Performed on bulk DNA prior to vialing.

³> 99% identity with GenBank: AF016889 (with a deletion of approximately 100 nucleotides that resulted from the cloning process)

⁴> 99% identity with GenBank: KJ909514

⁵Value is below specification

Date: 28 JUL 2016

Signature:



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