

**Influenza A Virus, A/New York/18/2009 (H1N1)pdm09, BPL-Inactivated**

**Catalog No. NR-49451**

**Product Description:** Cell lysate and supernatant from influenza A virus, A/New York/18/2009 (H1N1)pdm09-infected Madin-Darby canine kidney (MDCK) cells that has been inactivated with beta-propiolactone (BPL)

**Lot: R0006**

**Manufacturing Date: 30MAR2011**

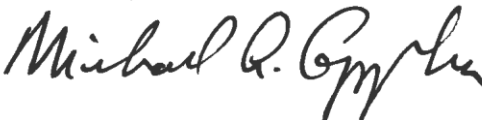
TEST	SPECIFICATIONS	RESULTS
<b>Innocuity Test (Screening for Viral Inactivation in MDCK Cells)<sup>1-3</sup></b> 1 <sup>st</sup> round of amplification 2 <sup>nd</sup> round of amplification	No recovered virus No recovered virus	No recovered virus No recovered virus

<sup>1</sup>MDCK (NBL-2) cells: ATCC® CCL-34™

<sup>2</sup>Individual wells of 24-well plates were inoculated with 0.2 mL of reconstituted NR-49451 and incubated at 35°C with 5% CO<sub>2</sub> for 7 days, checking for the presence of cytopathic effects (CPE) daily. Cell lysate and supernatant from the first round of amplification was tested for HA activity and 0.2 mL was inoculated onto fresh cells and incubated at 35°C with 5% CO<sub>2</sub> for 7 days. These cultures were also checked for CPE daily, and cell lysate and supernatant from the second round of amplification was also tested for HA activity.

<sup>3</sup>BEI Resources NR-15268, Influenza A Virus, A/New York/18/2009 (H1N1)pdm09 (Tissue Culture Adapted) and NR-31657, Influenza A Virus, A/Brisbane/59/2007 (H1N1) (Tissue Culture Adapted) were used as positive controls. The live viruses were diluted either in virus growth medium or in BPL-treated mock-infected MDCK cell lysate and supernatant (BEI Resources NR-49597), and inoculated onto cells at 100 TCID<sub>50</sub> per well. The diluents alone were also plated as negative controls. Each sample and control was tested in three to five wells. CPE was seen in all positive control wells within 2 days of inoculation, and HA activity was detected in cell lysate and supernatant from these wells. No CPE or HA activity was observed in any wells inoculated with NR-49451 or the negative controls.

**Date:** 24 FEB 2016

**Signature:**   
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