

**Influenza A Virus, A/California/04/2009 (H1N1)pdm09, BPL-Inactivated**

**Catalog No. NR-13660**

**For research use only. Not for human use.**

**Contributor:**

ATCC®

**Manufacturer:**

BEI Resources

**Product Description:**

NR-13660 is a preparation of influenza A virus, A/California/04/2009 (H1N1)pdm09 that has been inactivated with beta-propiolactone (BPL). The source virus used for the inactivation was BEI Resources NR-13659. Complete inactivation was confirmed by three successive passages in embryonated chicken eggs.

**Material Provided:**

Each vial contains approximately  $1.6 \times 10^3$  CEID<sub>50</sub> equivalents of BPL-inactivated influenza A virus, A/California/04/2009 (H1N1)pdm09 in 100 µL of PBS.

**Packaging/Storage:**

NR-13660 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/California/04/2009 (H1N1)pdm09, BPL-Inactivated, NR-13660."

**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories, 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Dawood, F. S., et al. "Emergence of a Novel Swine-Origin Influenza A (H1N1) Virus in Humans." N. Engl. J. Med. 360 (2009): 2605-2615. PubMed: 19423869. Erratum in N. Engl. J. Med. 361 (2009): 102.
2. Garten, R. J., et al. "Antigenic and Genetic Characteristics of Swine-Origin 2009 A(H1N1) Influenza Viruses Circulating in Humans." Science 325 (2009): 197-201. PubMed: 19465683.

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