

Influenza A Virus, A/Wisconsin/629-D02452/2009 (H1N1)pdm09

Catalog No. NR-19810

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain: A/Wisconsin/629-D02452/2009 (H1N1)pdm09

Original Source: Influenza A virus, A/Wisconsin/629-D02452/2009 (H1N1)pdm09 was isolated from a nasopharyngeal swab from a 1-year-old human in southeast Wisconsin on May 8, 2009.

Comments: Sequence information is available for influenza A virus, A/Wisconsin/629-D02452/2009 (H1N1)pdm09 at the [Influenza Research Database](http://www.ncbi.nlm.nih.gov/nuclseq/flu/flu_a/).

Material Provided:

Each vial contains approximately 1 mL of cell lysate and supernatant from Madin-Darby Canine Kidney (MDCK) cells (ATCC® CCL-34™) infected with influenza A virus, A/Wisconsin/629-D02452/2009 (H1N1)pdm09.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

NR-19810 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.

Growth Conditions:

Host: MDCK cells (ATCC® CCL-34™)

Growth Medium: Dulbecco's Modified Eagle Medium supplemented with 0.1% bovine serum albumin and 0.2% L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin

Infection: Cells should be approximately 95 to 100% confluent

Incubation: 2 to 4 days at 35°C and 5% CO₂

Cytopathic Effect: Cell rounding and detachment

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/Wisconsin/629-D02452/2009 (H1N1)pdm09, NR-19810."

Biosafety Level: 2

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*. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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