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

Catalog No. NR-19810

For research use only. Not for human use.

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.

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 -70°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 µg/mL L-1-tosylamide-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin
Infection: Cells should be 95% to 100% confluent
Incubation: 2 to 4 days at 35°C and 5% CO₂
Cytopathic Effect: Refractile cell rounding and sloughing

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


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