Influenza A Virus, A/Netherlands/2629/2009 (H1N1)pdm09

Catalog No. NR-19823

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

Original Source: Influenza A Virus, A/Netherlands/2629/2009 (H1N1)pdm09 was isolated from a nasopharyngeal swab from a 46-year-old human in the Zuid-Holland district of the Netherlands on December 4, 2009.

Comments: Sequence information is available for Influenza A Virus, A/Netherlands/2629/2009 (H1N1)pdm09 at the Bacterial and Viral Bioinformatics Resource Center.

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/Netherlands/2629/2009 (H1N1)pdm09.

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

Packaging/Storage:
NR-19823 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’s Medium supplemented with 0.1% bovine serum albumin and 1.0 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin

Infection: Cells should be 90% to 100% confluent

Incubation: 4 to 7 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/Netherlands/2629/2009 (H1N1)pdm09, NR-19823.”

Biosafety Level: 2


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