Influenza A Virus, A/Georgia/T51700/2012 (H1N1)pdm09

Catalog No. NR-42940

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/Isolate: A/Georgia/T51700/2012 (H1N1)pdm09
Original Source: Influenza A virus, A/Georgia/T51700/2012 (H1N1)pdm09 was isolated from a human in Atlanta, Georgia, USA on February 1, 2012.
Comments: Sequence information is available for influenza A virus, A/Georgia/T51700/2012 (H1N1)pdm09 at the Bacterial and Viral Bioinformatics Resource Center.

Material Provided:

Each vial contains approximately 1.0 mL of cell lysate and supernatant from Madin-Darby Canine Kidney (MDCK) cells (ATCC® CCL-34™) infected with influenza A virus, A/Georgia/T51700/2012 (H1N1)pdm09.

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

Packaging/Storage:

NR-42940 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: Madin-Darby canine kidney cells (MDCK; ATCC® CCL-34™)
Growth Medium: Eagle's Minimum Essential Medium containing Earle's Balanced Salt Solution, 2 mM L-glutamine, 1 mM sodium pyruvate, and 1500 mg/mL sodium bicarbonate, supplemented with 0.225% bovine serum albumin and 1.0 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin, or equivalent. Lot 62795204 freeze media contains 2.0 µg/mL TPCK-trypsin.
Infection: Cells should be 100% confluent
Incubation: 2 to 7 days at 33°C or 37°C and 5% CO2
Cytopathic Effect: Cell rounding and sloughing

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/Georgia/T51700/2012 (H1N1)pdm09, NR-42940.”

Biosafety Level: 2


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References:

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