Influenza A Virus, A/New York/18/2009 (H1N1)pdm09 (Tissue Culture Adapted)

Catalog No. NR-15268

For research use only. Not for human use.

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Manufacturer: BEI Resources

Product Description:

Virus Classification: Orthomyxoviridae, Influenzavirus A
Species: Influenza A virus
Strain: A/New York/18/2009 (H1N1)
Source: NR-15268 was derived through tissue culture adaptation of BEI Resources NR-14694, which was originally isolated (in eggs) from a 15-year-old male in New York on April 25, 2009.1
Comments: Sequence information is available for influenza A virus, A/New York/18/2009 (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 cells (MDCK; ATCC® CCL-34™) infected with influenza A virus, A/New York/18/2009 (H1N1)pdm09 (tissue culture adapted).

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

Packaging/Storage:

NR-15268 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice 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: Eagle’s Minimum Essential Medium supplemented with 10 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin, 10mM 4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid (HEPES) buffer and 0.125% bovine serum albumin
Infection: Cells should be approximately 95% confluent
Incubation: 2 to 6 days at 35°C with 5% CO₂
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/New York/18/2009 (H1N1)pdm09 (Tissue Culture Adapted), NR-15268.”

Biosafety Level: 2


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References:


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