Influenza A Virus, A/Tijuana/4/2009 (H1N1)pdm09, Cell Isolate (Produced in Cells)

Catalog No. NR-15246

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/Tijuana/4/2009 (H1N1)pdm09
Original Source: Influenza A virus, A/Tijuana/4/2009 (H1N1)pdm09 is a swine-origin influenza A virus that was isolated from a nasal swab from a human in Tijuana, Mexico in 2009.¹

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/Tijuana/4/2009 (H1N1)pdm09.

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

Packaging/Storage:
NR-15246 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 0.2% bovine serum albumin, 25 mM HEPES and 2.0 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin Infection: Cells should be 80-100% confluent Incubation: 2 to 5 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/Tijuana/4/2009 (H1N1)pdm09, Cell Isolate (Produced in Cells), NR-15246.”

Biosafety Level: 2

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References:

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