Product Information Sheet for NR-15241

Influenza A Virus, A/San Diego/1/2009 (H1N1)pdm09, Cell Isolate
(Produced in Cells)

Catalog No. NR-15241

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/San Diego/1/2009 (H1N1)pdm09

**Original Source:** Influenza A virus, A/San Diego/1/2009 (H1N1)pdm09 is a swine-origin influenza A virus that was isolated from a nasal swab from a human in San Diego, California 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/San Diego/1/2009 (H1N1)pdm09.

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

**Packaging/Storage:**
NR-15241 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 1.0 to 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/San Diego/1/2009 (H1N1)pdm09, Cell Isolate (Produced in Cells), NR-15241.”

**Biosafety Level:** 2


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