Influenza A Virus,
A/swine/Ohio/09SW1477/2009 (H1N2)

Catalog No. NR-36704

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/swine/Ohio/09SW1477/2009 (H1N2)
Original Source: Influenza A virus, A/swine/Ohio/09SW1477/2009 (H1N2) was isolated from a swine in Ohio, USA on July 5, 2009.
Comments: Sequence information is available for influenza A virus, A/swine/Ohio/09SW1477/2009 (H1N2) at the Influenza Research Database.

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/swine/Ohio/09SW1477/2009 (H1N2).

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

Packaging/Storage:
NR-36704 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: Eagle’s Minimal Essential Medium (EMEM) containing Earle’s Balanced Salt Solution, 2 mM L-glutamine, 1 mM sodium pyruvate, and 1500 mg per mL sodium bicarbonate, supplemented with 0.5 µg per mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin
Infection: Cells should be 90% to 100% confluent
Incubation: 2 to 7 days at 37°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/swine/Ohio/09SW1477/2009 (H1N2), NR-36704.”

Biosafety Level: 2

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