

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

Catalog No. NR-36704

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/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

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

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