

**Influenza A Virus,  
A/swine/Manitoba/00446/2005 (H3N2)**

**Catalog No. NR-43049**

**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/Manitoba/00446/2005 (H3N2)

Original Source: Influenza A virus, A/swine/Manitoba/00446/2005 (H3N2) was isolated from a swine in Manitoba, Canada on January 25, 2005.

Comments: Sequence information is available for influenza A virus, A/swine/Manitoba/00446/2005 (H3N2) 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/Manitoba/00446/2005 (H3N2).

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

**Packaging/Storage:**

NR-43049 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 Minimum Essential Medium supplemented with 0.3% bovine serum albumin and 2.0 µg per mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin

Infection: Cells should be 90% to 100% confluent.

Incubation: 2 to 5 days at 37°C and 5% CO<sub>2</sub>

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/Manitoba/00446/2005 (H3N2), NR-43049."

**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/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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