

Influenza A Virus, A/mallard/Sweden/68932/2007 (H4N6)

Catalog No. NR-45834

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/mallard/Sweden/68932/2007 (H4N6)

Original Source: Influenza A virus, A/mallard/Sweden/68932/2007 (H4N6) was isolated from a mallard duck in Ottenby, Sweden, on October 27, 2007.¹

Comments: Sequence information is available for influenza A virus, A/mallard/Sweden/68932/2007 (H4N6) at the [Bacterial and Viral Bioinformatics Resource Center](http://www.bacteriology.com).

Material Provided:

Each vial contains approximately 1 mL of cell lysate and supernatant from Madin-Darby canine kidney (MDCK) cells infected with influenza A virus, A/mallard/Sweden/68932/2007 (H4N6).

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

Packaging/Storage:

NR-45834 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: Madin-Darby canine kidney (MDCK) cells (MDCK; ATCC® CCL-34™)

Growth Medium: Eagle's Minimum Essential Medium supplemented with 0.125% bovine serum albumin, 10 µM HEPES buffer (pH 7.3) and 1 to 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 4 days at 35°C and 5% CO₂

Cytopathic Effect: Cell rounding and sloughing

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH:

Influenza A Virus, A/mallard/Sweden/68932/2007 (H4N6), NR-45834."

Biosafety Level: 3

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 \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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References:

1. Waldenström, J., Personal Communication.

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