Influenza A Virus, A/swine/Ohio/11SW138/2011 (H1N2)

Catalog No. NR-36717

For research use only. Not for human use.

Contributor:
Richard D. Slemons, D.V.M., M.S., Ph.D., Department of Veterinary Preventive Medicine, The Ohio State University College of Veterinary Medicine, Columbus, Ohio, USA

Manufacturer:
BEI Resources

Product Description:

Virus Classification: Orthomyxoviridae, Influenzavirus A
Species: Influenza A virus
Strain: A/swine/Ohio/11SW138/2011 (H1N2)
Original Source: Influenza A virus, A/swine/Ohio/11SW138/2011 (H1N2) was isolated from a swine in Ohio, USA on August 6, 2011.
Comments: Sequence information is available for influenza A virus, A/swine/Ohio/11SW138/2011 (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/11SW138/2011 (H1N2).

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

Packaging/Storage:
NR-36717 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 0.225% bovine serum albumin and 2.0 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin
Infection: Cells should be 95% to 100% confluent.
Incubation: 2 to 6 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/11SW138/2011 (H1N2), NR-36717."

Biosafety Level: 2


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