

**Influenza A H1N1pdm Virus (Oseltamivir-Resistant)
Isolate: H275Y Isolate 1
Infectious Culture Fluid (1 mL)**

PRODUCT DESCRIPTION:

Influenza A H1N1pdm Virus (Isolate: H275Y Isolate 1) is an enveloped Orthomyxoviridae virus with a diameter of 80-120 nm. It contains a single-stranded, segmented, negative-sense RNA within a nucleocapsid. This Influenza A H1N1pdm virus was collected in 2009 and is similar to the A/California/07/09 strain. The H275Y mutation conferring Oseltamivir-resistance was confirmed in the neuraminidase (NA) gene by SNP pyrosequencing.

Each frozen aliquot contains 1 mL of titered viral culture fluid.

INTENDED USE:

Viral culture fluids are sold as consumable testing materials, propagation or commercialization are prohibited without prior written consent from ZeptoMetrix. The suitability and performance characteristics should be determined by your laboratory for each intended usage.

These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

The purchase of infectious microorganisms from ZeptoMetrix requires a Material Transfer Agreement (MTA).

BIOSAFETY:

Influenza A H1N1pdm Virus is a Biosafety Level 2 microorganism and must be used within Biological Safety Level 2 facility or cabinet. Please consult your institution's regulations regarding the use of this organism. For a detailed discussion on biological safety see the current edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), published by the CDC.

PRECAUTIONS:

- Use Universal Precautions, this product is **potentially biohazardous**.
- Repetitive freezing and thawing is not recommended (aliquot material if necessary). Titer will be altered by multiple freeze-thaws.
- To avoid cross-contamination, use separate pipette tips for all reagents.

RECOMMENDED STORAGE:

Viral culture fluids should be stored at -65°C or below.

***The purchase of live Influenza A H1N1pdm virus requires a USDA permit.**

PI0810520CF
Revision: 05
Effective Date: 11/03/2022

	Catalog Number		Temperature Limitation
	Batch Code		Expiration Date
	For Research Use Only		Biological Risk
	Manufacturer		

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This product was manufactured in a facility which has a Quality Management System that is ISO 13485 certified.

PCA# 22-308
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