

**Influenza A H1N1pdm Virus (Oseltamivir-Resistant)
Isolate: H275Y Isolate 2
Culture Fluid (Heat Inactivated) (1 mL)**

PRODUCT DESCRIPTION:

Influenza A H1N1pdm Virus (Isolate: H275Y Isolate 2) is an enveloped virus with a diameter of 80-120 nm, and 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 heat inactivated viral culture fluid. The pre-inactivation titer was determined from an infectious aliquot.

Viral inactivation is verified after heat inactivation by the absence of viral growth in tissue culture-based infectivity assays.

INTENDED USE:

Heat inactivated viral culture fluids are sold as consumable testing materials. 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.

BIOSAFETY:

Please consult your institution's regulations regarding the use of this product. For a detailed discussion on biological safety, see the 5th edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), published by the CDC at <http://www.cdc.gov/biosafety/publications/bmbl5/index.htm>








PRECAUTIONS:

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

RECOMMENDED STORAGE:

Heat inactivated viral culture fluids should be stored at -65°C or below.

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Revision: 02
Effective Date: 03/03/2022

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

PCA# 21-112 & 21-229
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