

Influenza A Virus, A/Houston/23H/2009 (H1N1)pdm09, Cell Isolate (Produced in Cells)

Catalog No. NR-20343

For research use only. Not for human use.

Contributor:

Wendy A. Keitel, M.D., Professor, Department of Molecular Virology and Microbiology, Baylor College of Medicine, Houston, Texas, USA

Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae*, *Influenzavirus A*

Species: Influenza A virus

Strain: A/Houston/23H/2009 (H1N1)pdm09

Original Source: Influenza A virus, A/Houston/23H/2009 (H1N1)pdm09 was isolated from a 53-year-old human in Houston, Texas on July 7, 2009.

Comments: Sequence information is available for influenza A virus, A/Houston/23H/2009 (H1N1)pdm09 at the [Influenza Research Database](http://www.ncbi.nlm.nih.gov/INFLUENZA).

Material Provided:

Each vial contains approximately 1 mL of cell lysate and supernatant from primary Rhesus monkey kidney cells (pRHK; Diagnostic Hybrids 49-T150A) infected with influenza A virus, A/Houston/23H/2009 (H1N1)pdm09.

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

Packaging/Storage:

NR-20343 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -70°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: pRHK cells (Diagnostic Hybrids 49-T150A)

Growth Medium: Dulbecco's Modified Eagle Medium supplemented with 0.1% bovine serum albumin and 0.01 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin

Infection: Cells should be 100% confluent

Incubation: 7 to 10 days at 34°C and 5% CO₂

Cytopathic Effect: Refractile cell rounding and sloughing

Citation:

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

Influenza A Virus, A/Houston/23H/2009 (H1N1)pdm09, Cell Isolate (Produced in Cells), NR-20343."

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.

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