Influenza A Virus, A/Georgia/T51700/2012 (H1N1)pdm09

Catalog No. NR-42940

For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:

**Classification:** Orthomyxoviridae, Influenzavirus A

**Species:** Influenza A virus

**Strain:** A/Georgia/T51700/2012 (H1N1)pdm09

**Original Source:** Influenza A virus, A/Georgia/T51700/2012 (H1N1)pdm09 was isolated from a human in Atlanta, Georgia, USA on February 1, 2012.

**Comments:** Sequence information is available for influenza A virus, A/Georgia/T51700/2012 (H1N1)pdm09 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/Georgia/T51700/2012 (H1N1)pdm09.

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

**Packaging/Storage:**
NR-42940 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 Minimal Essential Medium containing Earle's Balanced Salt Solution, 2 mM L-glutamine, 1 mM sodium pyruvate, and 1500 mg per mL sodium bicarbonate, supplemented with 0.225% bovine serum albumin and 2.0 µg per mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin.

**Infection:** Cells should be 100% confluent

**Incubation:** 1 to 7 days at 33°C and 5% CO₂

**Cytopathic Effect:** Cell sloughing and rounding

**Citation:** Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/Georgia/T51700/2012 (H1N1)pdm09, NR-42940.”

**Biosafety Level:** 2


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**References:**

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