Influenza A Virus, A/Georgia/M5081/2012 (H1N1)

Catalog No. NR-42939

For research use only. Not for human use.

Contributor:
Anice C. Lowen, Ph.D., Department of Microbiology and Immunology, Emory University, Atlanta, Georgia, USA

Manufacturer:
BEI Resources

Product Description:

**Virus Classification:** Orthomyxoviridae, Influenzavirus A  
**Species:** Influenza A virus  
**Strain:** A/Georgia/M5081/2012 (H1N1)  
**Original Source:** Influenza A virus, A/Georgia/M5081/2012 (H1N1) was isolated from a human in Atlanta, Georgia, USA on February 1, 2012.

**Comments:** Sequence information is available for influenza A virus, A/Georgia/M5081/2012 (H1N1) 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/M5081/2012 (H1N1).

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

Packaging/Storage:

NR-42939 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:** 3 to 7 days at 33°C and 5% CO₂  
**Cytotoxic 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/M5081/2012 (H1N1), NR-42939.”

Biosafety Level: 2


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References:


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