



Influenza A virus (H1N1)pdm09

VR-1884™

Product Sheet

Description

Influenza A virus (H1N1pdm) strain A/California/07/2009 NYMC X-179A is propagated in SPF embryonated chicken eggs. This strain is a classical reassortant virus derived from A/California/07/2009 (H1N1)pdm09 and A/Puerto Rico/8/1934 (H1N1). It has applications in infectious and respiratory disease research and in vaccine development.

Strain designation: A/California/07/2009 NYMC X-179A

Deposited As: Influenza A virus (H1N1pdm)

Shipping information: Clarified allantoic fluid from inoculated eggs

Storage Conditions

Product format: Frozen

Storage conditions: -70°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to

understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Host: SPF embryonated chicken eggs, 9-11 days old

Effects: hemagglutination of red blood cells

Temperature: 35°C

Atmosphere: No CO₂

Recommendations for infection: Inoculate SPF embryonated chicken eggs (intra-allantoic) at 9-11 days old. Dilute virus in D-PBS prior to inoculation.

Incubation: 2-3 days at 35°C in a humidified, non-CO₂ atmosphere.

Notes

Key Abbreviations: D-PBS, Dulbecco's Phosphate-buffered saline; RBC, Red blood cell; SPF, Specific pathogen free; °C, Degrees Celsius

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Influenza A virus (H1N1)pdm09 (ATCC VR-1884)

References

References and other information relating to this material are available at www.atcc.org.

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
