



Influenza A virus (H1N1), High titer

VR-95PQ™

Description

Influenza A virus (H1N1) strain A/PR/8/34 is a high-titer, purified, live virus that is propagated in SPF chicken embryonated eggs. This strain was isolated in 1934 from a human patient in Puerto Rico and was deposited by the Centers for Disease Control and Prevention. This product has applications in respiratory disease research, antiviral studies, assay development, and vaccine development.

Strain designation: A/PR/8/34

Deposited As: Influenza A virus

Shipping information: Quantitative PFUs and genome copy number reported on Certificate of Analysis

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*

Influenza A virus (H1N1), High titer

VR-95PQ

(*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: Specific pathogen free chicken embryonated eggs, 10-11 days

Effects: death of host animal; hemagglutination of red blood cells

Temperature: 35°C

Recommendations for infection: Dilute virus in D-PBS prior to inoculation.

Incubation: 2-3 days in a humidified atmosphere

Handling Procedures

Influenza A virus (H1N1), High titer

VR-95PQ

Mycoplasma contamination: Not detected

Notes

ATCC VR-95PQ is a high-titer, purified, live virus suspended in 1X PBS + 0.1% Sodium azide. This product was prepared from ATCC VR-95 via purification through sucrose gradient centrifugation, and is devoid of cellular debris and contaminants.

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Influenza A virus (H1N1), High titer (ATCC VR-95PQ)

References

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

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Influenza A virus (H1N1), High titer

VR-95PQ

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Please see the material transfer agreement (MTA) for further details regarding the

Influenza A virus (H1N1), High titer VR-95PQ

use of this product. The MTA is available at www.atcc.org.

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