



Influenza A virus (H1N1)

VR-219™

Description

Influenza A virus (H1N1) strain A/NWS/33 is propagated in SPF chicken embryonated eggs. This is a neurotropic strain of Influenza A virus that was derived from strain A/WS/33 by intracerebral inoculation of mice. It has applications in influenza and respiratory disease research.

Strain designation: A/NWS/33

Deposited As: Influenza A virus

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

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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 chicken embryonated eggs, 10-11 days

Effects: hemagglutination of red blood cells

Temperature: 35°C

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

Incubation: 2-3 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Key Abbreviations: °C, Degrees Celsius; CE, Chicken embryo; CO₂, Carbon dioxide; i.c., Intracerebral; 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) (ATCC VR-219)

References

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

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