



Influenza B virus (Yamagata Lineage)

VR-1813™

Description

Influenza B virus strain B/Massachusetts/2/2012 is propagated in SPF chicken embryonated eggs. This strain was isolated in 2012 from a human in Massachusetts and was deposited by Massachusetts Department of Public Health. This virus is whole-genome sequenced and has applications in vaccine development and influenza research.

Strain designation: B/Massachusetts/2/2012

Storage Conditions

Product format: Frozen

Storage conditions: Vapor phase of liquid nitrogen

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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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 chicken embryonated eggs, 10 days

Effects: hemagglutination of red blood cells

Temperature: 33.5°C

Recommendations for infection: Dilute virus in DPBS prior to inoculation.

Incubation: 2 days in a humidified atmosphere.

Notes

Key Abbreviations: °C, Degrees Celsius; D-PBS, Dulbecco's 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 B virus (Yamagata Lineage) (ATCC VR-1813)

References

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

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