Influenza B virus (Yamagata Lineage)™

**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**

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 submerged 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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