



# Influenza B virus

VR-296™

## Description

Influenza B virus strain B/Maryland/1/59 is propagated in SPF embryonated chicken eggs. This strain was isolated in 1959 from a human in Maryland and was deposited by the Centers for Disease Control and Prevention. It has applications in influenza and respiratory research.

**Strain designation:** B/Maryland/1/59

**Deposited As:** Influenza B virus

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -70°C or colder

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## 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.

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## 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.

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### Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### 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

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### Handling Procedures

**Mycoplasma contamination:** Not detected

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### Notes

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

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Influenza B virus (ATCC VR-296)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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### Revision

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