



# Influenza B virus (Yamagata Lineage), High titer

VR-1804PQ™

## Description

Purified Influenza B virus strain B/Florida/4/2006 is propagated in SPF chicken embryonated eggs. The virus was isolated from a human patient in 2006 and was deposited by the Florida Department of Health and purified by sucrose gradient centrifugation. It has applications in respiratory disease research, in vitro infectivity assays, antiviral studies, spiking studies, and a variety of other research.

**Strain designation:** B/Florida/4/2006

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

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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

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*

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(*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.

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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, 9 days

**Effects:** hemagglutination of red blood cells

**Temperature:** 35°C

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

**Incubation:** 3 days in a humidified atmosphere.

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### Notes

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ATCC VR-1804PQ is a high-titer, purified, live virus suspended in 1X PBS + 0.1% Sodium azide. This product was prepared from ATCC VR-1804 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

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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 (Yamagata Lineage), High titer (ATCC VR-1804PQ)

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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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Product Sheet

## Revision

This information on this document was last updated on 2024-06-15

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