



# Feline immunodeficiency virus

VR-3434™

## Description

Feline immunodeficiency virus strain Petaluma (infected CRFK cells) is continuously produced by the cell line in which it is shipped. This virus was isolated in 1999 from the blood of a domestic cat with acquired immunodeficiency-like syndrome.

**Strain designation:** Petaluma (infected CRFK cells)

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** Vapor phase of liquid nitrogen

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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 (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:** This virus is continuously produced by the cell line in which it is shipped. No additional host is required, however, if desired, the virus may be used to infect other cells, which are listed as alternate hosts.

**Effects:** No CPE

**Complete medium:** 30-2003 (ATCC 30-2020) + 2% FBS (ATCC 30-2020)

**Temperature:** 37°C

**Incubation:** 3 to 7 days at 37°C in a humidified 5% CO<sub>2</sub> atmosphere.

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## Notes

ATCC VR-3434 is persistently infected in Crandell-Rees feline kidney cells and growth of this item should be treated as a cell line.

**Key Abbreviations:** °C, Degrees Celsius; CO<sub>2</sub>, Carbon dioxide; EMEM, Eagle's Minimum

Essential Medium; FBS, Fetal bovine serum; MOI, Multiplicity of infection

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Feline immunodeficiency virus (ATCC VR-3434)

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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

# Feline immunodeficiency virus

VR-3434

Product Sheet

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