





Product Sheet

# FELINE INFECTIOUS PERITONITIS VIRUS (VR- 2202)

Please read this **FIRST**



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## Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: FELINE INFECTIOUS PERITONITIS VIRUS (VR-2202)

American Type Culture Collection  
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Manassas, VA 20108 USA  
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Fax: 703.365.2750  
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## Description

**Strain:** FIPV-1146, P100

**Classification:** *Coronaviridae*, *Alphacoronavirus*, Alphacoronavirus 1

**Original Source:** FIPV-WSU-1146 isolated from necropsy of a feline neonate with pneumonia and pleuritis

**Depositor:** FW Scott

## Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

## Propagation

### Propagation Host:

A-72 (ATCC CRL-1542); CRFK cells (ATCC CCL-94)

### Effect on Host:

Cytopathic effects in tissue culture (cell rounding and detachment)

### Growth Conditions

**Incubation:** 1-3 days at 34°C to 37°C

## Comments

Live attenuated virus derived from serial passage of plaque-purified FIPV 79-1146, a strain isolated by J. Evermann, Washington State University. Intranasal administration of passage 100 protects adult cats from challenge with virulent virus.

## References

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

## Key Abbreviations

CPE, cytopathic effect  
CRFK, Crandell feline kidney cells  
MEM, minimum essential medium (Eagle)  
TC, tissue culture  
TCID<sub>50</sub>, median tissue culture infective dose

## Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

## ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

## Disclaimers

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This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC



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is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.


Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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Storage Temp.  
**-70°C or colder**

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Biosafety Level  
**2**

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