





Product Sheet

FELINE INFECTIOUS PERITONITIS VIRUS (VR-2202)

Please read this FIRST



Storage Temp.
-70°C or colder



Biosafety Level
2

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
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

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.

Key Abbreviations

CPE, cytopathic effect
CRFK, Crandell feline kidney cells
MEM, minimum essential medium (Eagle)
TC, tissue culture
TCID₅₀, 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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FELINE INFECTIOUS PERITONITIS VIRUS (VR- 2202)

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

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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Please read this FIRST

A black rectangular graphic with white icons and text. The top section features a thermometer icon, the text "Storage Temp.", and "-70°C or colder". A horizontal dashed line separates this from the bottom section, which features a biohazard icon, the text "Biosafety Level", and the number "2".

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