ATCC

Product Sheet

Feline infectious peritonitis virus (ATCC® VR-2126™)

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 (ATCC® VR-2126™)

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, P20
Classification: *Coronaviridae, Alphacoronavirus,* Alphacoronavirus 1
Original Source:
FIPV-WSU-1146 isolated from a neonatal kitten, Washington State University (McKeirnan & Evermann, 1979)
Depositor: FW Scott

Batch-Specific Information

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

Propagation

Propagation Host:
A-72 canine cells (ATCC CRL-1542)
A-72 cells (ATCC CRL-1542); feline cell lines such as fcwf-4; CRFK cells (ATCC CCL-94)

Effect on Host:
Cytopathic effects in tissue culture (A-72 cultures)

Growth Conditions
Incubation: 1-2 days at 34°C

Comments

Zoopathogenic. This strain has been attenuated for adult cats by rapid passage of plaque purified FIPV 79-1146 virus (VR-2125) at 34°C. Cross-reacts with canine coronavirus, TGE virus of swine and human coronavirus 229E. For background information see Pederson et al. Adv. Exp. Med. Biol. 173: 365-380, 1984 and U.S. Pat. 4,195,130.

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
TCID, 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

This product is intended for laboratory research purposes only. It is not intended for use in humans.
While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet,

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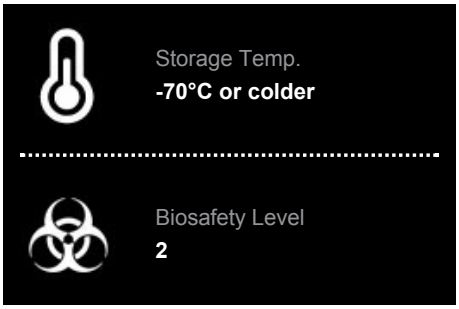

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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