ATCC

Product Sheet

Epizootic hemorrhagic disease virus (ATCC® VR-419™)

Please read this FIRST

Storage Temp.
-60°C

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: Epizootic hemorrhagic disease virus (ATCC® VR-419™)

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: New Jersey
Classification: Reoviridae, Orbivirus
Original Source:
Pool of blood, spleen, liver, kidney of dead Odocoileus virginianus, New Jersey, 1955
Depositor: RE Shope

Batch-Specific Information

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

Propagation

Propagation Host:
suckling mouse, i.c. inoculation or i.p. inoculation
Host of Choice: sM (i.c., i.p.)
Host Range: sM (i.c., i.p.), deer, HeLa TC
suckling mouse, i.c. or i.p. inoculation; deer; HeLa cells (ATCC CCL-2)

Effect on Host:
Yes, in vivo effects: causes death in host animal
Death

Medium:

Growth Conditions
Duration: 8-11 days

Comments

No HA produced. Related but not identical to South Dakota strain of EHD isolated in 1956

References

References and other information relating to this product are available online at www.atcc.org.

Key Abbreviations

BSA, bovine serum albumin
HA, hemagglutination
HeLa, human cervical carcinoma cells
i.c., intracerebral
i.p., intraperitoneal
LD[50], lethal median dose
PBS, phosphate buffered saline
sM, suckling mouse
sMb, suckling mouse brain
TC, tissue culture
USDA, United States Department of Agriculture

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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

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