ATCC

Product Sheet

Canine adenovirus 2 (ATCC® VR-800™)

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: Canine adenovirus 2 (ATCC® VR-800™)

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: Toronto A 26/61
Classification: *Adenoviridae, Mastadenovirus*, Canine adenovirus A
Original Source: Throat swab from a dog with laryngotracheitis
Depositor: LN Binn, Walter Reed Army Institute of Research, Washington, DC

Batch-Specific Information

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

Propagation

Propagation Host: MDCK (ATCC CCL-34)

Effect on Host: CPE, cell rounding and sloughing

Medium: EMEM (ATCC 30-2003) + 2% FBS (ATCC 30-2020)

Growth Conditions
Temperature: 37°C
Recommendations for Infection: Plate cells 24-48 hours prior to infection and infect when cultures are 80-90% confluent. Remove medium and inoculate with a small volume of virus (e.g. 1 mL per 25 cm^2) diluted to provide an optimal MOI (e.g. 0.1). Adsorb 1-2 hours at 37°C in a humidified 5% CO_2 atmosphere, rocking every 15-20 minutes to redistribute inoculum. End adsorption by adding virus growth medium.
Incubation: 3-8 days

Comments

Partial cross-neutralization, HAI and CF with anti-infectious canine hepatitis serum. Hemagglutinates human type O RBC.

References

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

Key Abbreviations

°C (C), degree Celsius
CF, complement fixation
CO_2 (CO2), carbon dioxide
CPE, cytopathic effect
EMEM, Eagles minimum essential medium
FBS, fetal bovine serum
HAI, hemagglutination inhibition
MOI, multiplicity of infection
RBC, red blood cells

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.

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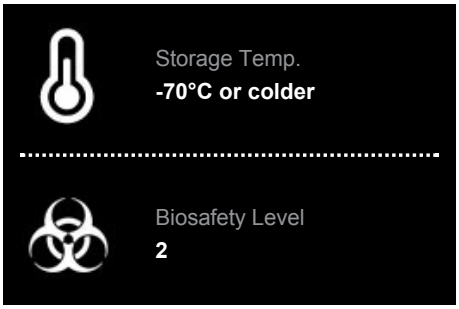

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Disclaimers

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, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.
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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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