



Product Sheet

Human adenovirus 19 (ATCC® VR-254™)

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: Human adenovirus 19 (ATCC® VR-254™)

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: AV-587 [3911]

Classification: Adenoviridae, Mastadenovirus, Human adenovirus D

Original Source:

Conjunctival scrapings from child with trachoma, Saudi Arabia, 1955

Depositor: SD Bell

Batch-Specific Information

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

Propagation

Propagation Host:

Chang C cells (ATCC CCL-20.2)

Host of Choice: Chang C cells

Host Range: LN, Chang C, HeLa, HEK, KB, and other human cell lines

human lymph node cells; Chang C cells (ATCC CCL-20.2); HeLa cells (ATCC CCL-2); human embryonic kidney cells; KB cells (ATCC CCL-17)

Effect on Host:

Yes, in vitro effects: Cytopathic effects in tissue culture

CPE

Growth Conditions

Duration: 10 days

Comments

Replicates very slowly. Agglutinates rat RBC. Identical to adenovirus type 10 in HAI but different in neutralization tests

References

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

Key Abbreviations

(define all abbreviations used on master product sheet and batch product sheet)

Chang C, Chang conjunctiva cells

CPE, cytopathic effect

HAI, hemagglutination inhibition

HEK, human embryo kidney

HeLa, human cervical carcinoma cells

KB, human oral epidermoid carcinoma cells

LN, human lymph node cells

RBC, red blood cells

TCID₅₀, median tissue culture infective dose

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02/01 WK

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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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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