



Product Sheet

# Human rhinovirus 85 (ATCC® VR-1195™)

Please read this **FIRST**

Storage Temp.  
**-70°C or colder**

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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 rhinovirus 85 (ATCC® VR-1195™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
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800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
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## Description

**Strain:** 50-525-CV54 [V-192-001-021]

**Classification:** Picornaviridae, Rhinovirus, Human rhinovirus A

**Depositor:** NIH/NIAD

## Batch-Specific Information

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

## Propagation

### Propagation Host:

H1-HeLa cells (ATCC CRL-1958)

WI-38 cells (ATCC CCL-75); HeLa cells (ATCC CCL-2); other human cells

### Effect on Host:

Cytopathic effects in tissue culture

CPE

### Growth Conditions

**Incubation:** 1-7 days at 33°C

## Comments

Optimal conditions for growth occur at pH 6.8-7.3 in roller or rocker cultures. All members of the rhinovirus group are ether resistant. Growth not inhibited by IUDR. Stabilized by 1 M MgCl<sub>2</sub>.

## References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

## Key Abbreviations

CPE, cytopathic effect

HD, human diploid cells

HeLa, human cervical carcinoma cells

KB, human oral epidermoid carcinoma cells

MEM, minimum essential medium (Eagle)

Pen, penicillin

Strep, streptomycin

TC, tissue culture

TCID<sub>50</sub>, median tissue culture infective dose

WI, human embryonic lung cell line

WI-38, human embryonic lung (diploid) cells

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4/99 JS/PF

## 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



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formulation is used, the ATCC warranty for viability is no longer valid.

### Disclaimers

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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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).  
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