


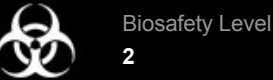


Product Sheet

Vaccinia virus (ATCC® VR-1774™)

Please read this FIRST





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: Vaccinia virus (ATCC® VR-1774™)

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: CL

Classification: *Poxviridae, Orthopoxvirus*

Original Source:

Most likely derived from New York City Department of Health strain of vaccinia virus. Cell culture adapted to BSC-40 cells.

Depositor: F Fenner, Australian National University

Batch-Specific Information

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

Propagation

Propagation Host:

Production Host: BSC-40 (ATCC® CRL-2761™)

BSC-40 (ATCC CRL-2761)

Effect on Host:

CPE, refractile cell rounding

CPE, refractile cell rounding

Growth Conditions

Temperature: 37°C

Growth Conditions: Plate cells 24-48 hours in advance and infect when cultures are 90 to 95% confluent. Remove medium and inoculate with a small volume (e.g. 1 mL per 25 cm²) of virus diluted to provide an optimal MOI (e.g. 0.1). Adsorb 30 minutes at 37°C in a humidified 5% CO₂ atmosphere, rocking every 7-10 minutes to redistribute inoculum. End adsorption by adding virus growth medium.

Incubation: 1-3 days

Comments

VR-1774 is produced in BSC-40 cells, which is a change in cell line from ATCC® VR-117™ to increase titer.

References

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

Key Abbreviations

°C, degrees Celsius

CO₂ (CO2), carbon dioxide

CPE, cytopathic effect

DMEM, Dulbeccos Minimum Essential Media

FBS, Fetal Bovine Serum

MOI, multiplicity of infection

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03/2012, JQG

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




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Storage Temp.
-70°C or colder



Biosafety Level
2

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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

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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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