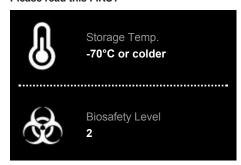


Product Sheet

Vaccinia virus ts mutant (ATCC® VR-3196[™])

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 ts mutant (ATCC® VR-3196™)

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Description

Strain: IHD-W Dts95 (Dales isolate 9312) Classification: Poxviridae, Orthopoxvirus

Original Source: derived from existing strain

Depositor: S Dales, RC Condit, S Dales



Batch-Specific Information

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



Propagation

Propagation Host:

Recommended Host: BSC-40 (ATCC CRL-2761

Effect on Host:

Yes, Cytopathic effect: Rounding and sloughing of infected cells CPE: enlargement, plaques with rounding and eventual sloughing

Virus growth medium: EMEM + 2% FBS

Growth Conditions Temperature: 31.0°C

Duration: 1-3 days; For best results, cells should be 24 to 48 hours old and 80-90% confluent at time of

infection [not 100% confluent].



Comments

Non-permissive incubation temperature is 39.5°C. This mutant was not assigned a Dales EM category. It is assigned the Condit map location U21. This subtype is distinguishable from the parent IHD-J strain by its ability to elicit polykaryocytosis in all mammalian and avian cells tested and by its inability to induce an active hemagglutinin at the plasma membrane.



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)

BSC-40 cells, African green monkey kidney cells

CPE, cytopathic effect

EMEM, Eagles minimum essential medium

ts, temperature sensitive

TCID₅₀(TCID[50]), The Tissue Culture Infectious Dose

50% endpoint is the 50% infectious endpoint in cell culture. The TCID₅₀ is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the culture vessels inoculated, just as a Lethal Dose 50% (LD50) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the

TCID₅₀ provides a measure of the titer (or infectivity) of a virus preparation.

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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.

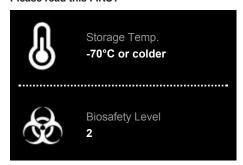
ATCC Warranty



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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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