



Vaccinia virus

VR-2153™

Description

Vaccinia virus strain vTF7-3 [Wr] is propagated in BS-C-1 cells (ATCC CCL-26). This strain was constructed in vitro by transfecting vaccinia virus-infected cells with pTF703 cells (ATCC 67202) and was deposited by the National Institutes of Health. It expresses bacteriophage T[7] RNA polymerase.

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Strain designation: vTF7-3 [Wr]

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Patent number:

5,550,035

Technical information: ATCC Technical Services does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

Storage Conditions

Product format: Frozen

Storage conditions: -70°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 2

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Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

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Growth Conditions

Host: BS-C-1 (ATCC CCL-26)

Host Range: BSC-1, CV-1, HeLa, MRC-5BS-C-1 cells (ATCC CCL-26); CV-1 cells (ATCC CCL-70); HeLa cells (ATCC CCL-2); MRC-5 cells (ATCC CCL-171)

Effects: cell death; cell rounding; CPE; plaque formation; stringing

Temperature: 37°C

Incubation: 2 - 3 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Expresses bacteriophage T(7) RNA polymerase.

Key Abbreviations: BS-C-1, African green monkey kidney cells; CPE, Cytopathic effect; CV-1, African green monkey kidney cells; FBS, Fetal bovine serum; HeLa, Human cervical carcinoma cells; MRC-5, Human embryonic lung cells; NIH, National Institutes of Health

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Vaccinia virus (ATCC VR-2153)

References

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

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