



Fowlpox virus

VR-229™

Product Sheet

Description

This product requires a VS 16-6A permit, which can be downloaded at the [USDA website here](#). Please submit the completed permit form to SalesPermits@atcc.org with your ATCC sales order number and/or your purchase number noted in the subject line and body of the email.

Strain designation: FH [Beaudette, FH 2755]

Deposited As: Fowlpox virus, Avipoxvirus

Storage Conditions

Product format: Freeze-dried

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

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

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

Growth Conditions

Host: CES cell culture from 12 day old embryos

Effects: CPE; lesions on chorioallantoic membrane

Complete medium:

EMEM (ATCC® 30-2003™) + 2% FBS (ATCC® 30-2020™) + 1% lactalbumin hydrolysate + 0.01% yeast extract

Temperature: 37°C

Atmosphere: 95% Air, 5% CO₂

Recommendations for infection: Plant cells 24-48 hours in advance and infect when cultures are 90% confluent. Remove medium and inoculate with a small volume (e.g. 1 mL per 25 cm²) of virus diluted with VGM to provide a MOI of about 0.1-1.0. Adsorb 2 hour at 37°C in a humidified 5% CO₂ atmosphere. End adsorption by adding VGM.

Incubation: 3-4 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Lyophilized CE preparations were found viable after storage for 10 years and frozen, glycerinated suspensions after 143 days.

Shipped freeze-dried, reconstitute to original volume with sterile distilled water.

Lyophilized CE preparations were found viable after storage for 10 years. Frozen, glycerinated suspensions were viable after 143 days.

Key Abbreviations: C, Chicken; CE, Chicken embryo; CEF, Chicken embryo fibroblast cells; CES, Chicken embryo skin; CPE, Cytopathic effect; EMEM, Eagle's Minimum Essential Medium; Pr, Primary; TC, Tissue culture; TCID₅₀, Median tissue culture infective dose; USDA, United States Department of Agriculture

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Fowlpox virus (ATCC VR-229)

References

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

Warranty

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