



VR-118

VR-118™

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: Lederle-Chorioallantoic

Deposited As: Vaccinia virus, Orthopoxvirus

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

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.

Vaccination recommended by the current edition of Biosafety in Microbiological and Biomedical Laboratories, Centers for Disease Control and Prevention (CDC) and the National Institutes of Health (NIH)

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: Chicken embryo, chorioallantoic membrane inoculation; Host Range: chicken embryo; chicken embryo; rabbit kidney cells; hamster kidney cells; KB cells (ATCC CCL-17); WI-38 cells (ATCC CCL-75); LLC-MK2 cells (ATCC CCL-7); Vero cells (ATCC CCL-81)

Effects: CPE; embryo death; pock lesions on chorioallantoic membrane

Incubation: 3-4 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

The virus is very resistant and may contaminate the laboratory. Seed strain was used at Lederle Laboratories for preparation of smallpox calf lymph vaccine.

Key Abbreviations: CAM, Chorioallantoic membrane; CE, Chicken embryo; CPE, Cytopathic effect; HaK, Hamster kidney; K, kidney; KB, Human oral epidermal carcinoma cells; LLC-MK2, Rhesus monkey kidney cells; Rab, Rabbit; TC, Tissue culture; TCID₅₀, Median tissue culture infective dose; Vero, African green monkey kidney cells; WI-38, Human embryonic lung (diploid) cells

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: VR-118 (ATCC VR-118)

References

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

Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the

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