



# Canarypox virus

VR-111™

## 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](mailto: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:** Wheatley C93 [102]

**Deposited As:** Canarypox virus, Avipoxvirus

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -70°C or colder

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## 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.

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## 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.

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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](http://www.atcc.org).

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## Growth Conditions

**Host:** Chicken embryo, chorioallantoic membrane inoculation

**Effects:** pock lesions on chorioallantoic membrane

**Temperature:** 35°C

**Incubation:** 3 days at 35C in chicken embryos

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## Handling Procedures

**Mycoplasma contamination:** Not detected

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## Notes

## Canarypox virus

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Purchase requires a USDA permit. Pox lesions on the infected CAMs are not distinct and occur near inoculation site. Following cutaneous inoculation in canaries or passerine birds typical pox lesions develop on the skin. Diphtheritic lesions develop in the mouth subsequent to inoculation on the oral mucosa. Infection by either route of inoculation usually is fatal. Inoculation of the virus i.m. produces respiratory disease and death usually supervenes before cutaneous or diphtheritic lesions appear. This strain does not immunize against pigeon, fowl or turkey pox.

Original Preparation Contributed By: S. B. Hitchner

**Key Abbreviations:** SPF, Specific pathogen free; USDA, United States Department of Agriculture; C, Chicken; CAM, Chorioallantoic membrane; CE, Chicken embryo; CEID[50], The Chicken Embryo Infectious Dose 50% endpoint is the 50% infectious endpoint in a chicken embryo.; i.m., Intramuscular; PBS, Phosphate-buffered saline

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Canarypox virus (ATCC VR-111)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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### 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.

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