



Rous associated virus-A (Avian leukosis-A)

VR-335™

Description

Rous associated virus-A (Avian leukosis-A) strain RAV-1 is propagated in chicken embryo fibroblasts. This strain was isolated from a chicken fibrosarcoma. RAV-1 is one of the helper viruses for the Bryan high-titer RSV.

Strain designation: RAV-1

Deposited As: Rous associated virus-A (Avian leukosis-A)

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.

Rous associated virus-A (Avian leukosis-A)

VR-335

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; chicken embryo fibroblasts

Effects: lymphoid leukemia; No CPE

Temperature: 37°C

Incubation: 21 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Rous associated virus-A (Avian leukosis-A)

VR-335

One of the helper viruses for Bryan's high titer RSV. RAV-1 is considered to be the prototype avian leukosis helper virus; however, many workers would be better served by a molecular clone. Presence detected in tissue culture by gs antigen or helper activity using an interference assay with ATCC VR-724. See also Morgan, H.R. and W. Traub, Natl. Cancer Inst. Monogr. 17: 392-393, 1964. RAV-1 was cloned from high titer RSV stock by the contributor. BH-RSV was obtained from Dr. Crittenden who obtained it from Dr. Vogt.

Key Abbreviations: BH-RSV, Bryans high titer RSV; CE, Chicken embryo; CEF, Chicken embryo fibroblast cells; CPE, Cytopathic effect; gs, Group-specific; EMEM, Eagle's Minimum Essential Medium; TC, Tissue culture; TCID₅₀, Median tissue culture infective dose; RAV, Rous-associated virus; RSV, Rous sarcoma virus; 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: Rous associated virus-A (Avian leukosis-A) (ATCC VR-335)

References

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

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Rous associated virus-A (Avian leukosis-A)

VR-335

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Rous associated virus-A (Avian leukosis-A)

VR-335

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