



Avian reovirus type 2

VR-856™

Description

Avian reovirus type 2 strain 24 is propagated in chicken embryo kidney cells. This strain was isolated from the intestine of a chicken with cloacal pasting.

Strain designation: 24

Deposited As: Avian reovirus type 2

Serotype: type 2

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.

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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 submerged 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 submerged 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 kidney cells; Host Range: Chicken embryo cells in tissue culture; turkey embryonic kidney cells in tissue culture; newborn mouse

Effects: CPE; plaque formation; syncytia

Temperature: 37°C

Incubation: 2-7 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

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The particles have an average diameter of 67 nm (60-70 nm) and possess a cubic symmetry.

Key Abbreviations: CE, Chicken embryo; CEF, Chicken embryo fibroblast cells; CEK, Chicken embryo kidney; CPE, Cytopathic effect; E, Embryo; K, kidney; 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: Avian reovirus type 2 (ATCC VR-856)

References

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

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Revision

This information on this document was last updated on 2022-10-01

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