



Avian encephalomyelitis virus

VR-2058™

Product Sheet

Description

Strain designation: Van Roekel (CE adapted)

Deposited As: Avian encephalomyelitis virus

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Patent number:

5,208,023

Technical information: ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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.

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: 5-7 day old chicken embryo

chicken embryo; newborn chicken

Effects: embryo-muscular dystrophy; paralysis

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Temperature: 39°C

Recommendations for infection: Inoculate susceptible CE, by yolk sac route, with virus diluted to 200 CEID₅₀ per egg.

Incubation: 9 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

It is recommended that CE from pathogen free flocks be used as hosts to ensure that they are susceptible to the avian encephalomyelitis virus. Resistant to chloroform, trypsin, pepsin and deoxyribonuclease. Protected against the effects of heat by divalent magnesium ion. NOTE: This material is cited in a U.S. and/or other Patent applications and may not be used to infringe the patent claims.

Key Abbreviations: CDC, Centers for Disease Control and Prevention; °C, Degrees Celsius; CE, Chicken embryo; CEID₅₀, The Chicken Embryo Infectious Dose 50% endpoint is the 50% infectious endpoint in a chicken embryo.; NCBI, National Center for Biotechnology Information

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Avian encephalomyelitis virus (ATCC VR-2058)

References

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

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