



Bovine herpesvirus 2

VR-845™

Product Sheet

Description

Strain designation: New York 1

Deposited As: Bovine herpes mamillitis virus

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

Effects: cutaneous lesions; erythema; necrosis; plaque formation; scab formation

Temperature: 35°C

Incubation: 2 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Easily grown in cells of bovine origin and from some other species. Grows well at 30-37°C but severely restricted at temperatures over 38°C. Produces large syncytia in bovine cells. Very stable at 4°C, but more stable at -70°C. Antigenic cross-reactions with Allerton virus and herpes simplex with some DNA homology with herpes simplex.

Key Abbreviations: B, Bovine; BK, Bovine kidney; DNA, Deoxyribonucleic acid; EMEM,

Eagle's Minimum Essential Medium; Pen, Penicillin; Pr, Primary; SPGA, Bovarnik's solution sucrose; Strep, Streptomycin; 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: Bovine herpesvirus 2 (ATCC VR-845)

References

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

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