



# Gallid herpesvirus 2

VR-2175™

## Description

**Strain designation:** Md11/75C/R2

**Deposited As:** Marek's disease virus type 1

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**Patent number:**

4,895,717

**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.

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** Vapor phase of liquid nitrogen

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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

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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 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:** SL-29 (ATCC CRL-1590)

**Effects:** cell rounding; CPE; plaque formation

**Temperature:** 38°C

**Incubation:** 3 to 5 days

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## Handling Procedures

**Mycoplasma contamination:** Not detected

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## Notes

**Comments:** Must be preserved in living cells to maintain viability (10% DMSO). Virus is cell associated. VR-2175 is a vaccine strain derived from a CEF attenuated isolate of the Md11/75C Mareks disease virus isolated by passage in chickens to increase efficacy. NOTE: This material is cited in a U.S. and/or other Patent and may not be used to infringe the patent claims.

**Key Abbreviations:** CEF, Chicken embryo fibroblast cells; CPE, Cytopathic effect; FA, Fluorescent antibody assay; TC, Tissue culture; TCID<sub>50</sub>, Median tissue culture infective dose

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Gallid herpesvirus 2 (ATCC VR-2175)

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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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