# Human herpesvirus 2

## VR-3393™

### Description

This product is an ATCC manufactured and accessioned progeny of VR-734 cited in US Pat. No. 4,760,079.

**Strain designation:** G

**Common name:** Herpes simplex virus 2 (HSV-2)

**Deposited As:** ATCC accessioned progeny of Human herpesvirus 2 strain G cited in US Pat. No. 4,760,079 as VR-734.

### 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:** Vero (ATCC CCL-81)
**Effects:** cell clustering; cell rounding; cell sloughing; CPE
**Complete medium:** EMEM (ATCC 30-2003) + 2% FBS (ATCC 30-2020)
**Temperature:** 34°C
**Atmosphere:** 95% Air, 5% $CO_2$
**Recommendations for infection:** Plate cells 24 to 48 hours prior to infection and infect when cultures are 70-90% confluent. Remove medium and inoculate with a small volume of virus (e.g. 1 mL per 25 $cm^2$) diluted to provide an optimal MOI (e.g. 0.1). Adsorb 1-2 hours at 34°C in a humidified 5% $CO_2$ atmosphere while rocking. End adsorption by adding virus growth medium.
**Incubation:** 1 to 5 days in a humidified $CO_2$ atmosphere

## Notes

Vials contain total fluid and material from cell culture infected by virus. The vials will contain cellular debris and possibly cells containing cell-associated virus.
**Key Abbreviations:** °C, Degrees Celsius; $CO_2$, Carbon dioxide; CPE, Cytopathic effect; EMEM, Eagle's Minimum Essential Medium; FBS, Fetal bovine serum; MOI, Multiplicity of infection

## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Human herpesvirus 2 (ATCC VR-3393)

## References

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

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## Revision

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