



# Equid herpesvirus 1

VR-2003™

## Description

**Strain designation:** Bovine 1247

**Common name:** Equine abortion virus

**Deposited As:** Equine herpesvirus type 1

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**Patent number:**

4,225,582

**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:** Freeze-dried

**Storage conditions:** -70°C or colder

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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

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.

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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:** Host Range: bovine turbinate cells (ATCC CRL-1390); PK(15) cells (ATCC CCL-33); MDBK cells (ATCC CCL-22); bovine embryonic kidney cells; equine kidney cell lines; ponies, i.m. inoculation; hamster, i.p. inoculation

**Effects:** cell enlargement; CPE; nuclear inclusions

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Product Sheet

**Temperature:** 36°C

**Incubation:** 2-4 days

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## Handling Procedures

**Mycoplasma contamination:** Not detected

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## Notes

Cross-reacts with equine herpesvirus I, inactivated after 1 hour at 50°C, no HA demonstrated.

**Key Abbreviations:** BEK, Bovine embryonic kidney cells; BT, Bovine turbinate cells; CPE, Cytopathic effect; HA, Hemagglutination; i.m., Intramuscular; i.p., Intraperitoneal; K, kidney; MDBK, Madin Darby bovine kidney cells; EMEM, Eagle's Minimum Essential Medium; Pen, Penicillin; PK, Porcine kidney; Strep, Streptomycin; TC, Tissue culture; TCID<sub>50</sub>, Median tissue culture infective dose; USDA, United States Department of Agriculture

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Equid herpesvirus 1 (ATCC VR-2003)

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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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