



# Murine hepatitis virus

VR-261™

## Description

Murine hepatitis virus strain MHV 1 (Parkes) can be propagated in NCTC clone 1469 [derivative of NCTC 721] cells (ATCC CCL-9.1) or neonatal mice. This strain was isolated in 1950 from liver and kidney tissues from ill mice in London, England.

**Strain designation:** MHV 1 (Parkes)

**Common name:** Murine hepatitis virus

**Deposited As:** Murine hepatitis virus

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## Storage Conditions

**Product format:** Frozen

**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:** NCTC clone 1469 [derivative of NCTC 721] (ATCC CCL-9.1)

Neonatal mice; suckling mouse

**Effects:** CPE; death of host animal

**Incubation:** 4-7 days

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## Handling Procedures

**Mycoplasma contamination:** Not detected

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## Notes

Related to MHV-3, Nelson's PR 1 (MHV-2), JHM, Morris' agents EHF120 and M747 and MHV-A59 of Manaker, et al. Produces little evidence of infection in otherwise healthy weanling mice.

**Key Abbreviations:** CPE, Cytopathic effect; M, Mouse; nb, Newborn; SM, Suckling mouse; TC, Tissue culture

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Murine hepatitis virus (ATCC VR-261)

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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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