Murine leukemia virus

VR-1451™

Description

Strain designation: NFS th-1
Deposited As: Murine leukemia virus

Storage Conditions

Product format: Frozen
Storage conditions: Vapor phase of liquid nitrogen

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: Mv 1 Lu (NBL-7) (ATCC CCL-64)
Host Range: Mink lung cells, many non-murine cells, M. dunni cells
Effects: CPE; foci formation; plaque formation
Temperature: 37°C
Incubation: 5-10 days at 37°

Handling Procedures

Mycoplasma contamination: Detected

Notes

Typical type C retrovirus. Although derived from endogenous sequences

of inbred mice, does not exogenously infect mouse cells except certain cells of

wild mouse origin such as M. dunni.

Biologically cloned by limiting dilution of NFS th-1 Xenotropic MuLv.

Original Preparation Contributed By: J.W. Hartley.

Key Abbreviations: CPE, Cytopathic effect; TCID[50], Median tissue culture infective dose

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Murine leukemia virus (ATCC VR-1451)

References

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

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Revision

This information on this document was last updated on 2022-09-21

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