Strain: NFS th-1  
Classification: Retroviridae, Gammaretrovirus, Mammalian virus group  
Depositor: JW Hartley

Refer to the Certificate of Analysis for batch-specific test results.

Propagation Host: mink lung cells; many non-murine cells; M. dunni cells (ATCC CRL-2017)  
Host of Choice: Mink lung cells (ATCC CCL-64).  
Host Range: Mink lung cells, many non-murine cells, M. dunni cells.  
Effect on Host:  
No, in vitro effects: CPE on mouse cells  
No CPE, foci formation on MiCL1 cells (ATCC CCL-64.1) and plaque formation on PG-4 cells (ATCC CRL-2032).  
Yes, in vitro effects: focus formation on MiCL1 cells (ATCC CCL-64.1)  
Yes, in vitro effects: plaque formation on PG-4 cells (ATCC CRL-2032)

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.

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

CPE, cytopathic effect  
TCID[50], median tissue culture infective dose

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Please read this FIRST

Storage Temp.
Liquid nitrogen

Biosafety Level
2

Intended Use

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Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Murine leukemia virus (ATCC® VR-1451™)

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